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Manitoba

Annual Report 1990 - 91

The Universities Grants Commission

For the period ending March 31, 1991

Includes 10% post-consumer waste

UNIVERSITIES GRANTS COMMISSION

July 31, 1991

The Honourable Len Derkach
Minister of Education and Training
Room 168
Legislative Building
Winnipeg, Manitoba
R3C OV8

Dear Mr. Derkach:

I have the honour to submit herewith the annual report of the Universities Grants Commission for the year ended March 31, 1991. It is based on the inquiries, consultations and studies undertaken by the Commission during the year and sets forth the operations of the Commission for the fiscal year. An audited balance sheet and an audited statement of the Commission's operating revenues and expenditures are appended.

Respectfully submitted,

Lou Melosky
Chairman

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CHAPTER I

THE UNIVERSITIES GRANTS COMMISSION

The Universities Grants Commission was established by an Act of the Legislature passed in 1967 and is composed of nine members appointed by the Lieutenant-Governor-in-Council.

The Commission advises the Minister on the amount of financial assistance, operating and capital, which should be provided to the universities by the government. The Commission then is responsible for allocating the funds received from the government to the universities.

The Commission must review and provide written approval for any new or expanded service, facility or program of studies involving moneys at the disposal of the Commission before it may be undertaken and implemented by a university.

The Commission studies the need for post-secondary university education in the province in terms of kind, quality and quantity, and the capacity of the universities to provide it. The Commission must also ensure that post-secondary university education is available to the citizens of Manitoba without waste or unnecessary duplication.

MEMBERS OF THE UNIVERSITIES GRANTS COMMISSION

Dr.	Louis Melosky	-	Chairman
Mr.	Raymond Lafond	-	Vice-Chairman
Dr.	Martin Samoiloff	-	Winnipeg (to November 7, 1990)
Mr.	Gordon Horne	-	Winnipeg (as at November 7, 1990)
Ms	Laara Fitznor	-	Winnipeg (Resigned August, 1990)
Ms	Audrey Vandewater	-	Winnipeg (as at November 7, 1990)
Ms	Sybil Dressler	-	Brandon
Mr.	Lorne Jordan	-	Portage la Prairie
Ms	Linda MacNair	-	Graysville
Mr.	Robert Hanson	-	Winnipeg
Mr.	Gene Kinaschuk	-	Winnipeg

STAFF OF THE UNIVERSITIES GRANTS COMMISSION

Executive Director	-	Dr. Léo LeTourneau
Commission Secretary	-	R. Waverley Simpson, F.C.I.S., P.Adm.
Financial Officer	-	Allan D. Goldstine, C.A.
Secretarial and Clerical	-	Joyce Bird
	-	Sandra Dangerfield

CHAPTER II

COMMISSION HIGHLIGHTS, 1990-91

The goals of the Universities Grants Commission are:

1. To maintain a view of university education, its need and development which encompasses the Province as a whole.

2. To maintain, and to encourage in the universities and in government, a long-term, planned approach to university education.

3. To recommend to the government appropriate funding levels for Manitoba's universities.

4. To allocate and pay out to the universities the pool of funds provided for university education by the government.

5. To advise the Minister of Education and Training and the government on issues related to university education.

The Universities Grants Commission attempted to accomplish the following objectives in 1990/91.

1. To improve the program approval, financial estimates information and administrative accountability processes.

2. To develop and maintain a relevant policy framework and program delivery system for university education in Manitoba.

3. To review the purpose and use of the Access Fund.

Objective #1. To improve program approval, financial estimates information and administrative accountability processes.

- The Commission held meetings with university officials to develop a new program approval process in order to achieve a better understanding of the process while increasing flexibility for the institutions.

- The Commission clarified its requests for estimates information so that all the institutions would be providing the same core information. These changes assisted the Commission in comparing the funding requests from each institution.

- The Commission staff met with the auditors, including the external auditors, to ensure that the audited statements would be prepared for each institution in a similar manner.

- The Commission reviewed the institutions Audit Observation Report with the respective institutions to ensure that the Auditor's concerns were being dealt with.

Objective #2. To Develop and Maintain a relevant policy framework and program delivery system for university education in Manitoba.

- The Commission provided policy advice to the Minister of Education and Training in relation to university education in the province.

- The Commission prepared a plan for the review of university education in the province.

- The Commission provided financial support for a feasibility study for the delivery of a Bachelor of Social Work through distance education technology.

- The Commission provided financial support for a Summer program for

Women in Science and Engineering.

- The Commission provided financial support for a Satellite Production Facility at Brandon.

- The Commission approved a number of new programs and capital projects at the four institutions:

  New Programs: (Described in detail in Chapter III)
  - Bachelor of Science - Food Science Program, University of Manitoba
  - Bachelor of Dental Hygiene, University of Manitoba
  - Bachelor of Science - Food Engineering, University of Manitoba
  - Industrial Engineering Cooperative Program, University of Manitoba
  - General and Advanced Majors in Drama, University of Manitoba
  - Advanced Majors in Greek and Latin, University of Manitoba
  - Master's of Accountancy, University of Manitoba
  - Minor in Women Studies, Brandon University
  - Major in Mathematics (4 Year), Collège universitaire de Saint-Boniface

  Capital Projects: (Described in detail in Chapter IX)
  - Approval of the replacement of the Main Service Tunnel at the University of Manitoba, total project cost set at $11.2 million.
  - Approval of a Day Care Centre at the University of Manitoba for $500,000. The project was funded through the Universities Development Fund.
  - Faculty of Dentistry, addition and renovation, at the University of Manitoba was completed October 1, 1990.
  - Final approval was given to a cost-shared renovation project at the Collège universitaire de Saint-Boniface. The federal government provided $968,000; the Universities Grants Commission provided $667,000; and, the Collège provided $366,000.
  - Approval was granted for the replacement of the roof system of Centennial Hall at the University of Winnipeg. The cost of the project was set at $1.5 million.

Objective #3. To review the purpose and use of the Access Fund.

It was felt that a review of the Access Fund ought to form part of the more encompassing review of university education.

CHAPTER III

PROGRAMS

A responsibility of the Commission is to ensure that the development of new programs occurs in a way which avoids unnecessary duplication and is supportable within the limits of the financial resources available.

Section 16 (1) of the Universities Grants Commission Act stipulates that: "Before a university or college

(a) establishes, offers, provides, or creates, any new service, or program of studies; or

(b) extends or expands any service, facility, or program of studies; involving monies at the disposal of the commission, it shall obtain the approval of the commission in writing to do so."

In Appendix "A" there is a listing of the areas of studies at the universities and colleges in Manitoba. Information regarding activities carried on in the various disciplines is to be found in the annual reports issued by the institutions.

Program Advisory Committee

For 1990-91 the Program Advisory Committee consisted of the following Commission members:

Mr. Raymond Lafond - Chairman
Mr. Gene Kinaschuk
Ms. Sybil Dressler

During the year under review, the Commission received the following Letters of Intent:

University of Manitoba

(a) B.Sc. (4year) - Environmental Science
(b) Ph.D. - Religion

The Commission authorized the University of Manitoba to proceed with the development of formal proposals.

Collège universitaire de Saint-Boniface

(a) Bachelor of Communications
(b) Master of Arts Canadian Studies
(c) Master of Arts Translation
(d) Bachelor of Arts - Linguistics
(e) Bachelor of Arts - Foreign Language Option

The Commission advised the Collège universitaire de Saint-Boniface that due to the current fiscal situation it could not authorize the Collège to proceed with the development of formal proposals.

Programs Approved

The Commission approved the following programs prior to year end, and unless otherwise indicated all programs were approved subject to the condition that any and all funding required be provided by the universities from within existing resources.

University of Manitoba

(a) Bachelor of Arts General and Bachelor of Arts Advanced Majors in Drama

This program is largely made up of courses that were already in existence in the areas of drama, film and theatre at the University. In addition, specifically designed courses for this program will be taught through The Prairie Theatre Exchange School which is not an approved teaching centre of the University of Manitoba. It is anticipated that the initial intake into the program will be twenty students per year into the two programs with the majority of students anticipated to enrol in the B.A. General program with only

a small number electing to take the four-year advanced major. This program was supported by members of the local theatre community and, in particular, the strong support of The Prairie Theatre Exchange.

(b) Bachelor of Arts Advanced Major in Greek
Bachelor of Arts Advanced Major in Latin

The Department of Classics at The University of Manitoba recently had an extensive revision of its undergraduate program. A result of these revisions was the cancellation of existing honours programs in Latin and Greek and the existing three-year major in Latin. Substituting for these programs will be the introduction of an Advanced Major in both Greek and Latin for those students desiring majors in these two languages. These programs both will permit students to achieve competence in either of the two languages and will prepare them for graduate study. Total enrolment in each program is not expected to exceed ten students per year.

(c) Master of Accountancy

The proposal was for a departmentally based program in the Department of Accounting and Finance leading to a Master of Accountancy Degree. The program will be one year in length and provides the option for students to choose either a research thesis or an area of functional specialization. While each of these options has a research component, the extent of pure research activity will be greater in the thesis option. It is intended that this program will provide advanced accountancy education in a university setting to build on the basic accountancy education program recently introduced in the revised Faculty of Management undergraduate program. The program will admit thirty students each year even though it is expected that demand for the program will far exceed the numbers of students that can be admitted. The program when proposed had the formal support of the other departments in the Faculty of Management, the Society of Management Accountants in Manitoba, the Certified General Accountants Association of Manitoba, and the Institute of Chartered Accountants of Manitoba. In addition, letters of support for the program were also received from other faculties within the University and several private firms.

(d) Bachelor of Science in Food Science, Faculty of Agriculture

Food Science is currently offered as one of eight major programs in the Faculty of Agriculture leading to the degree of Bachelor of Science in Agriculture. For Food Science majors, however, the level of scientific expertise and the degree of specialization required by the Canadian Institution of Food Science and Technology, professional associations, and by employers continues to increase. The new program that will lead to a Bachelor of Science in Food Science will permit an increase in the number of food science and supporting courses students might take in a major. The new program will facilitate increased specialization in food science areas and will give graduating students better access to employment possibilities in the burgeoning food industry. It is anticipated that between thirty-five to forty students will opt for the Bachelor of Science in Food Science Degree program in year two of their studies in the Faculty of Agriculture. In conjunction with this development, the current Bachelor of Science in Agriculture Degree program with the specialization in Food Science will be phased out following a period of time allowing current students to graduate.

(e) Bachelor of Dental Hygiene Degree, Faculty of Dentistry

The new Bachelor of Dental Hygiene Degree in the School of Dental Hygiene in the Faculty of Dentistry is intended to be a post diploma program. The School of Dental Hygiene currently offers a diploma in Dental Hygiene that requires two years to complete. The new baccalaureate program is intended to be a supplement to the existing program rather than a replacement. The program is designed to prepare graduates for positions in community health and in allied dental education in addition to ensuring proficiency in performing clinical dental hygiene tasks. The program has received considerable support from dental practitioners both individually and through their professional organizations. The estimated enrolment for the program is six to ten full-time equivalent students in each entering class. The program requires additional resources of a significant nature for its implementation. Because of this the program is not being implemented by the University during the current fiscal year.

(f) Bachelor of Science in Food Engineering, Department of Agriculture Engineering, Faculty of Agriculture

The new program in Food Engineering will provide education for students in the merging new area of Food Engineering. The program would be offered by the Department of Agricultural Engineering although at the time of implementation it would be intended that the Department's name be changed to Department of Food and Agricultural Engineering. As well, considerable input into the program will be made by the Department of Food Science. The program is a co-operative program and will include basic education and food engineering technology as well as placements in appropriate industrial settings. The initial enrolment target is for an entry of fifteen students per year. At present it is estimated that the implementation of the program would require an additional five faculty members along with extensive space and laboratory facilities. The program has not been approved for implementation by the University at this time due to resource constraints.

Brandon University

(a) Minor in Women's Studies

The Faculty of Arts will be offering a Minor in Women's Studies in the spring of 1991. The growth of women's studies across North America and the popularity of previous women's studies offerings at Brandon University prompted the development and implementation of this minor concentration within the Bachelor of Arts Degree program.

Collège universitaire de Saint-Boniface

(a) Major in Mathematics (4 year)

The new Major in Mathematics will provide students with expanded opportunities for studies in various areas of mathematics particularly in the fields of administration and technology. A core of courses will be offered every year with more specialized courses being offered only every second year.

New Program Review Process

The Universities Grants Commission program review process was reviewed by the Commission and the institutions during the 1990/91 fiscal year. The new Program Review Process will become effective April 1, 1991.

DEFINITION OF TERMS USED IN THESE POLICIES, GUIDELINES AND PROCEDURES

An Institution means Brandon University, The University of Manitoba, The University of Winnipeg and/or Collège universitaire de Saint-Boniface as the case may be; and/or may mean other entities in a more general sense in accordance with the context.

A Program constitutes any recurring sequence of learning experiences which is offered through an institution and for which a unique credential is awarded to students by the institution at its discretion. The term program also refers to one or more programs organized by an institution into a department, division, school or faculty; and includes majors/minors, honours and other disciplinary specializations within degree or other programs for which a unique credential is awarded.

A New Program is a program to be implemented for the first time.

Credentials are diplomas, certificates, degrees and other types of official recognition awarded to students by an institution at its discretion, and in accordance with provincial legislation. Credentials include official recognition for other achievements, such as the completion of one phase of a transfer program which must be finished at another institution.

Levels of Study are one means for differentiating among programs according to the degree of special knowledge and skills students should acquire, and according to the duration and intensiveness of the work undertaken by students. For example, Degree Level of Study involves full time equivalent study required at both undergraduate and graduate levels in professional, liberal arts, and disciplinary fields to reach degree qualification.

GUIDELINES

A. **Program Approval**. A program approval is intended to be a mechanism for avoiding unnecessary duplication and for ensuring that new programs are needed and are implemented at institutions which can offer them efficiently and effectively.

1. Each institution has the responsibility for preparing its program proposals and for ensuring that all appropriate reference groups have been consulted and are satisfied that the criteria for program approval have been met.

2. Due consideration should be given to consulting with other post-secondary institutions in Manitoba early in the development of any proposal which may affect the programs, planning, students and graduates of the other institutions.

3. In the event that funds for new programs are insufficient to support implementation of all proposals, the Commission reserves the right to determine the priorities among new programs recommended by the Program Advisory Committee for approval.

B. **General**

1. All credit programs proposed by the institutions are subject to the provisions of this policy.

2. Although it is not now intended that non-credit programs be subject to the provisions of this policy, there remains the possibility of placing non-credit programs under this or another policy in the future.

3. This policy will be reviewed from time to time as determined by the Commission.

C. Statement of Intent

1. The Statement of Intent serves to advise the Commission of institutional plans to develop formal program proposals.

2. The Statement of Intent should be submitted to the Secretary of the Universities Grants Commission by the president of the institution or the rector of Collège universitaire de Saint-Boniface.

3. The Statement of Intent should include the following information:
   (a) the program area to be researched, or a tentative description title of the program proposed;
   (b) the type of program proposal to be submitted;
   (c) a tentative implementation schedule;
   (d) preliminary enrolment estimates (if possible, in each year of the program for the first 3 to 5 years of operation);
   (e) preliminary estimates of annual operating and capital cost required to implement the program (if possible, for each year of the program during the implementation period);
   (f) the approximate date by which the formal proposal could be submitted; and
   (g) other relevant information such as which agencies or groups may be consulted.

D. Acknowledgement of Statement of Intent

1. The Secretary of the Universities Grants Commission will acknowledge promptly a Statement of Intent and request further information or clarification, if necessary, in order to place the Statement of Intent as an item on the agenda for the next Commission meeting.

2. The Commission will deal with the item as follows:
   (a) refer the Statement of Intent to the Program Advisory Committee for its recommendation;
   (b) authorize the institution to proceed with development of a formal program proposal; or,
   (c) advise the institutions that the Commission is not prepared to consider a formal program proposal at this time, and give the reasons therefor; or,
   (d) request further information.

3. This process will require 60 days after the Statement of Intent has been received by the Commission.

4. If the Commission takes the course of action listed in D.2(c) above, it shall be prepared to hear an appeal by the university. The university will have 30 days within which to appeal.

E. Formal Program Proposals

1. Formal program proposals shall be developed only if authorized by the Commission and should be submitted to the Secretary of the Commission by the president of the proposing institution or the rector of Collège universitaire de Saint-Boniface.

2. Formal program proposals should be submitted only after they have received prior approval of the institution concerned, according to procedures deemed appropriate by the institution.

3. Formal program proposals received by the Commission from an institution will be submitted to each

of the other institutions for their comments, if appropriate within 15 days. Institutions are required to respond within 60 days from the day of receipt.

4. Comments received by the Commission from any institution as a result of the submissions made in accordance with paragraph E.3 above, will be sent to all of the other institutions.

5. Should the Commission decide not to approve any formal program proposal, the reasons for so doing will be provided to the institution submitting the proposal.

6. Should the Commission decide not to approve any formal proposal in accordance with paragraph E.5 above, the institution concerned may appeal such a decision to the Commission.

7. Where, in the opinion of the Commission, the proposal involves a major, high cost program, the formal proposal may be forwarded for comment and rationalization to other provinces. This process could require additional time beyond the time frames proposed in this document.

8. Notwithstanding #7, the program approval process will be completed within 120 days from the date of submission of the formal proposal to the Commission.

F. <u>Program Advisory Committee</u>

1. Proposals for new programs of study, or extensions or expansions of existing programs, undergraduate and graduate alike, submitted to the Universities Grants Commission in accordance with the provisions described in Appendix "A", will be referred to the Program Advisory Committee for review and recommendation.

2. The Program Advisory Committee shall be established by the Universities Grants Commission and will consist of the following members:
   (a) three members of the Universities Grants Commission who have no direct connection with any of the institutions, one of whom shall be appointed chairman; and
   (b) the Secretary of the Committee shall be provided by the Commission.

3. Functions of the Program Advisory Committee shall be:
   (a) to receive and to appraise, in accordance with the criteria set forth in Appendix "B", those proposals for new programs submitted to the Commission;
   (b) to meet and hear representatives, designated by each of the universities and Collège universitaire de Saint-Boniface, to present to the Committee, if required, the view of each institution concerning each program proposal and the comments of any other institution concerning the program proposal previously made available to the Commission and the institutions; and
   (c) to report and to make recommendations to the Commission in respect of the new proposals referred to in 3(a), it being understood that the Commission is free to accept, modify or reject all such recommendations made by the Committee.

4. When it is considered to be

desirable or necessary, the Committee may engage, in consultation with the institution, the services of professional consultants, subject to approval by the Commission of a budget for such expenditures.

5. Meetings of the Committee shall be held at the call of the Chair and all members must be present.

CHAPTER IV

INTER-UNIVERSITIES NORTH

Background

In 1969-70, the first credit course, Psychology, was offered by the University of Winnipeg in Thompson, subsidized in part by the School District of Mystery Lake.

In the Spring of 1970 the government of Manitoba, Department of Youth and Education, provided a grant of $25,000 per annum for two years under the direction of the Inter-Universities Committee on Summer and Evening Session (IUCSES) the three universities established a field office in The Pas to serve as a liaison between the post-secondary institutions in the southern part of the province and the people in the North.

September 1970 saw the appointment of Mark Poudrier as Coordinator in The Pas and the offering of a total of six university credit courses in three communities - Thompson, Churchill and Cranberry Portage. These courses were presented by each of the institutions on an independent basis as part of its own Evening Session Program.

On March 20, 1971, Dr. Dulmage, representing Brandon University (B.U.), put forward an alternate plan for a cooperative effort in presenting courses, in which there was no competition between institutions, but a pooling of fee income and costs and equal share of the loss on the total program.

A meeting, called on May 25, 1971, invited the President, Deans, Department Chairmen, Registrar, Comptroller and Librarian of each university, and in a general session and later in small groups discussed and formulated what was to become Inter-Universities North (I.U.N.). While the negotiations and deliberations were going on, the IUCSES offered twelve courses in six communities in the 1971/72 academic year with the second year's grant of $25,000.

In 1972 the Universities Grants Commission accepted the proposal from the Presidents' Committee to earmark specific funds for the operation of the IUN program, with the mandate to provide university credit courses north of the 53rd parallel.

Program Delivery and Administration

Credit courses are offered in various northern communities in response to identified need, subject to current budget considerations, and taught by instructors hired by the respective department and university sponsoring the course. IUN reimburses the university for the instructors' salaries, benefits and expenses so that there is no direct financial cost to the sponsoring institution.

Until 1985-86 all courses were taught in the traditional instructor/student face-to-face method, but since then tele-conference techniques have made it possible to offer an increasing number of courses in additional communities. IUN now provides programs in the following communities: Churchill, Cranberry Portage, Cross Lake, Flin Flon, Garden Hill, Gillam, God's Lake Narrows, God's River, Grand Rapids, Leaf Rapids, Lynn Lake, Nelson House, Norway House, Oxford House, Red Sucker Lake, Snow Lake, South Indian Lake, Split Lake, St. Theresa Point, Sundance, The Pas, Thompson, Wabowden, Wassagomach, and York Landing, although not in every community every year.

A unique and important aspect of the IUN program is the cooperation between the three universities that ensures that each university accepts for credit, as its own, **all** courses offered by IUN. In addition, these courses fulfil the residency requirements for the degree taken.

The structure of IUN has evolved as the program developed. Most recently, the positions of Senior University Officer (SUO) and of Director have been consolidated. The

SUO/Director has overall responsibility for the IUN programs and reports to the Committee of Presidents of Universities in Manitoba (COPUM).

The Program Executive Committee (PEC) has one representative from each university. The PEC is responsible for reviewing budgetary, policy, administrative and academic program recommendations from the SUO/Director. As well, within their respective institutions, the PEC members are responsible for liaison with academic departments to identify instructors and facilitate course delivery.

The SUO/Director is responsible for the day to day operation of the IUN programs. Staffing in the Thompson office includes the Program Coordinator (responsible for the FYDE project - see below), the Associate Program Coordinator (responsible for the On-Site Program), an Administrative Secretary, and two clerical staff. Recruitment is underway for a newly approved Student Advisor position. There are five FYDE Coordinators on term contracts in the five FYDE centres. A volunteer Community Representative in each community served by IUN assists with need assessment and support for course delivery throughout the year.

The Commission provided a total of $504,400 in operating funding support for this program in 1990-91, with a further $425,000 being provided for the FYDE program. The Distance Education and Technology Branch of the Manitoba Education and Training provided an additional $120,000 to IUN specifically for the FYDE program.

During that fiscal year IUN offered a total of 49 courses at 14 locations in rural and northern Manitoba. Of the 49 courses, 11 were offered in the First Year by Distance Education Program and an additional 5 were offered by teleconference.

A total of 604 students were served by IUN in 1990-91, with a total of 828 course registrations, in both the regular IUN program and the FYDE program.

First Year (Arts & Science) by Distance Education

In 1990/91, IUN implemented the First Year University by Distance Education (FYDE) Program, a three year pilot project to evaluate the impact of offering full-time first year university studies in Arts and Science through distance education technologies.

Course delivery was initiated in September 1990 in Dauphin, Flin Flon, Russell, The Pas and Thompson, with nine courses being offered including Biology, Calculus, Computer Science, Economics, English Literature, History, Philosophy, Psychology and Sociology.

The FYDE Program is a cooperative initiative involving government, the three universities, five local school jurisdictions, community representatives and IUN. The Distance Education and Technology Branch of Manitoba Education and Training (DETB) provides video production, audio teleconferencing and satellite support services, equipment and technical support, and staff and instructor training. The Universities Grants Commission (UGC) provides funding; the universities provide instructors, and course design, development and production services; and, school divisions provide classroom, office and lab facilities. Community Advisory Committees are consulted regularly about ongoing program operations and its impact in the communities. Inter-Universities North (IUN) is responsible for project administration.

Two rooms are provided by the high school in each FYDE community. One room is equipped with teleconference and satellite receiving equipment. The other provides office space for the Coordinator and a study/resource area for students. The resource centre is supplied with reference materials and computers. Among other applications, the computer is used for remote access to the library at Brandon University. Laboratories in the high schools were

augmented to support laboratory components of science courses.

FYDE courses are equivalent to their on-campus counterparts, but use a multi-media instructional approach. Courses have major print components to guide student learning activities, and are delivered during a three hour block each week when students are in attendance at the FYDE centres. Instructors interact with students during that time by audio teleconference. Three courses also use live satellite television. Most courses also use other audio and video materials and computers to support instruction.

In total, 210 students registered in 434 full course equivalents, for an average course load of 2.1. Approximately, one-third were sequential students (continuing directly from Grade 12). The rest were students who had previously taken university courses or had been out of school for two or more years. Thirty percent of the students were taking a full-time program of study. Preliminary findings suggest that FYDE students performed as well as or better than students taking the same courses on campus.

The overall response of students to the program has been extremely positive, with 87% stating that they would take FYDE-like courses again and would recommend the program to others.

CHAPTER V

ENROLMENT

Full-Time Enrolment

(a) **General**

Full-time enrolment at universities and colleges in Manitoba which had, as in most provinces in Canada, displayed a static tendency through the first half of the seventies began a steady decline in the last half of the decade. It had been projected that this decline could continue through the eighties and possibly into the nineties. However universities in Manitoba experienced a substantial increase in enrolment between 1980-81 and 1983-84. Since that time full-time enrolment has declined slightly each year, with the exception of the past three years which showed a very slight increase. Based upon the latest school enrolment forecasts and the current employment patterns, it would appear that the demand for post-secondary education will continue to be high.

On December 1, 1990 the Manitoba universities' full-time enrolment stood at 19,057, an increase of 0.51% over December 1st, 1989.

Year	Full-Time Enrolment	Increase(Decrease) Over Previous Year
1967-68	13,353	-
1970-71	16,745	-
1975-76	18,080	-
1980-81	15,760	-
1985-86	19,531	-
1987-88	18,864	(1.78%)
1988-89	18,881	0.09%
1989-90	18,960	0.44%
1990-91	19,057	0.51%

(b) **Full-Time Undergraduate Enrolments by Faculty**

Table I in Appendix "C" shows several recent years' enrolments for the Manitoba universities and Collège universitaire de Saint-Boniface. The following table lists the largest full-time undergraduate enrolments by faculty for the last two years.

Faculty	1989 Undergraduate Enrolment	Percent of Total Undergraduate Enrolment	1990 Undergraduate Enrolmen	Percent of Total Undergraduate Enrolment
Arts	6,356	37.3	6,448	37.4
Science	2,893	17.0	2,887	16.8
Education	2,282	13.4	2,439	14.2
Engineering	1,052	6.2	1,067	6.2

(c) **Graduate Enrolment**

Graduate full-time enrolment grew rapidly during the sixties from 249 students in 1960-61 to 1,304 students in 1969-70. During the late seventies, the graduate full-time enrolment stabilized at around the 1,550 figure. At the start of the eighties, the number of full-time students taking graduate studies began to rise. The number of students increased each year until 1985-86 when it decreased by 1.2%. In 1986-87 the number of full-time graduate students increased by 2.6% but in 1987-88 the number of full-time graduate students once again began to decrease. Over the past seven years full-time graduate students represented approximately 10% of the total full-time students enroled per year.

Year	Total Full-Time Enrolment	Graduate Full-Time Enrolment	Graduate Full-Time Enrolment as a % of Total Full-Time Enrolment
1967-68	13,353	806	6.0%
1970-71	16,765	1,303	7.7%
1975-76	18,080	1,490	8.2%
1980-81	15,760	1,569	10.0%
1985-86	19,531	1,996	10.2%
1987-88	18,864	1,965	10.4%
1988-89	18,881	1,849	9.8%
1989-90	18,960	1,866	9.8%
1990-91	19,057	1,825	9.6%

Appendix "C", Table II details the full-time graduate enrolments by faculty and degree level sought for the last five years.

Part-Time Enrolment

(a) **General**

Students taking less than 80% of a prescribed course-load are defined as part-time students. Courses are available in the day and evening during the regular winter session (September - April) and the spring session (May - July). Generally day courses only are offered in summer session (July - August).

Year	Total Regular Session Part-Time classes	Summer Session	Total	Percent Increase (Decrease)
1967-68	4,056	4,660	8,716	-
1970-71	8,387	9,008	17,395	-
1975-76	10,439	7,528	17,967	-
1980-81	11,242	9,106	20,348	-
1985-86	13,834	12,503	26,337	1.1%
1987-88	14,477	11,121	25,598	(4.3%)
1988-89	14,669	11,326	25,995	1.6%
1989-90	15,486	11,564	27,050	4.1%
1990-91	16,075	11,931	28,006	3.5%

An extremely rapid increase in part time enrolment occurred between 1967-68 and 1970-71 when enrolment almost doubled. Part-time enrolment fluctuated between 1970-71 and 1980-81, increasing one year and decreasing the next. While there has been some fluctuation in Summer Session enrolment, part-time enrolment in Regular Session has increased steadily since 1979-80.

Table III of Appendix "C" provides a summary of the part-time regular session enrolments by faculty for the last five years. The Faculties of Arts (8,307 or 51.7%), Education (2,497 or 15.5%) and Science (1,875 or 11.7%) dominate the part-time enrolment figures in 1990-91.

(b) **Full-Time Equivalents**

Statistics Canada has developed a system for converting part-time students into full-time equivalents by dividing the part-time student by 3.5. This formula has been gaining acceptance throughout the country and the Universities Grants Commission has adopted the Statistics Canada system which will make our enrolment figures comparable with the rest of the country.

The full-time equivalent enrolment figures are now used by the Universities Grants Commission strictly as a statistical tool.

The following table contains the Full-Time Equivalent Enrolment figures using the Statistics Canada formula.

Year	Full-Time Enrolment	Part-Time Enrolment (÷3.5)	Full-Time Equivalent Enrolment	Increase (Decrease)
1967-68	13,353	2,490	15,843	-
1970-71	16,765	4,970	21,735	-
1975-76	18,080	5,133	23,213	-
1980-81	15,760	5,814	21,574	-
1985-86	19,531	7,525	27,056	(2.2%)
1986-87	19,206	7,644	26,850	(0.8%)
1987-88	18,864	7,314	26,178	(2.5%)
1988-89	18,881	7,427	26,308	0.5%
1989-90	18,960	7,729	26,689	1.4%
1990-91	19,057	8,002	27,059	1.4%

Geographic Origins of Students

(a) **General**

No agreement exists on the definition of the "geographic origin" of a student either among the provinces or among the institutions. Various groups take the province or country of matriculation as the determining factor of "origin" while others refer to the province or country of birth or the province or country of domicile in that particular year as the origin of the student. This lack of agreement complicates any attempt to study student mobility from province to province or student mobility from other countries into Canada. Nonetheless, attempts are made to report on the origins of

students and the following table summarizes the information collected.

The following summary shows that the number of full-time students who were classified as international students, or who stated their home province was not Manitoba, has declined steadily since 1985-86 with the exception of 1989-90 when it increased slightly.

Summary of Non-Manitoba Full-Time Student Enrolment

Year	Full-Time Enrolment	Canada	International	Non-Manitoba Total	Percentage Non-Manitoba
1970-71	16,765	1,449	1,422	2,871	17.1%
1975-76	18,080	1,390	2,042	3,432	19.0%
1980-81	15,760	1,236	1,612	2,848	18.1%
1985-86	19,531	1,515	2,803	4,318	22.1%
1986-87	19,206	1,383	2,553	3,936	20.5%
1987-88	18,864	1,392	2,188	3,580	19.0%
1988-89	18,881	1,460	2,017	3,477	18.4%
1989-90	18,960	1,542	2,071	3,613	19.1%
1990-91	19,057	1,484	2,090	3,574	18.8%

(b) **Non-Manitoba Canadian Enrolment**

The following summary indicates the distribution of students from other provinces enroled in Manitoba institutions.

Full-Time Enrolment from Other Provinces Studying in Manitoba Universities

Province	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
British Columbia	159	158	147	137	130	121
Alberta	224	207	182	185	181	182
Saskatchewan	304	298	325	331	337	340
Ontario	676	592	594	671	733	728
Quebec	67	61	61	44	55	51
New Brunswick	21	16	15	13	13	17
P.E.I.	5	6	5	4	5	2
Nova Scotia	26	26	27	23	25	20
Newfoundland	5	5	8	10	8	7
N.W.T. and Yukon	18	12	8	15	18	11
Unknown	10	2	20	27	37	5
Total	1,515	1,383	1,392	1,460	1,542	1,484

For 1990-91, the Faculties of Graduate Studies (216 or 14.6%), Architecture (including Environmental Studies and Interior Design) (134 or 9.0%), Arts (352 or 23.7%) and Science (135 or 9.1%) were the most popular for non-Manitoba Canadian Students. This excludes the University of Winnipeg figures. Table VIII, in Appendix "C" provides the details.

(c) **Foreign Enrolment**

All students who are in Canada on a visa or who are classified as being permanent residents are considered as foreign students in this report.

The numbers of foreign students in Manitoba universities rose from 738 in 1965-66 to a high of 2,964 in 1984-85, and have since declined substantially. The table below shows the numbers and origins of these students for the last four years.

Full-Time Foreign Student Enrolment Studying in Manitoba Universities

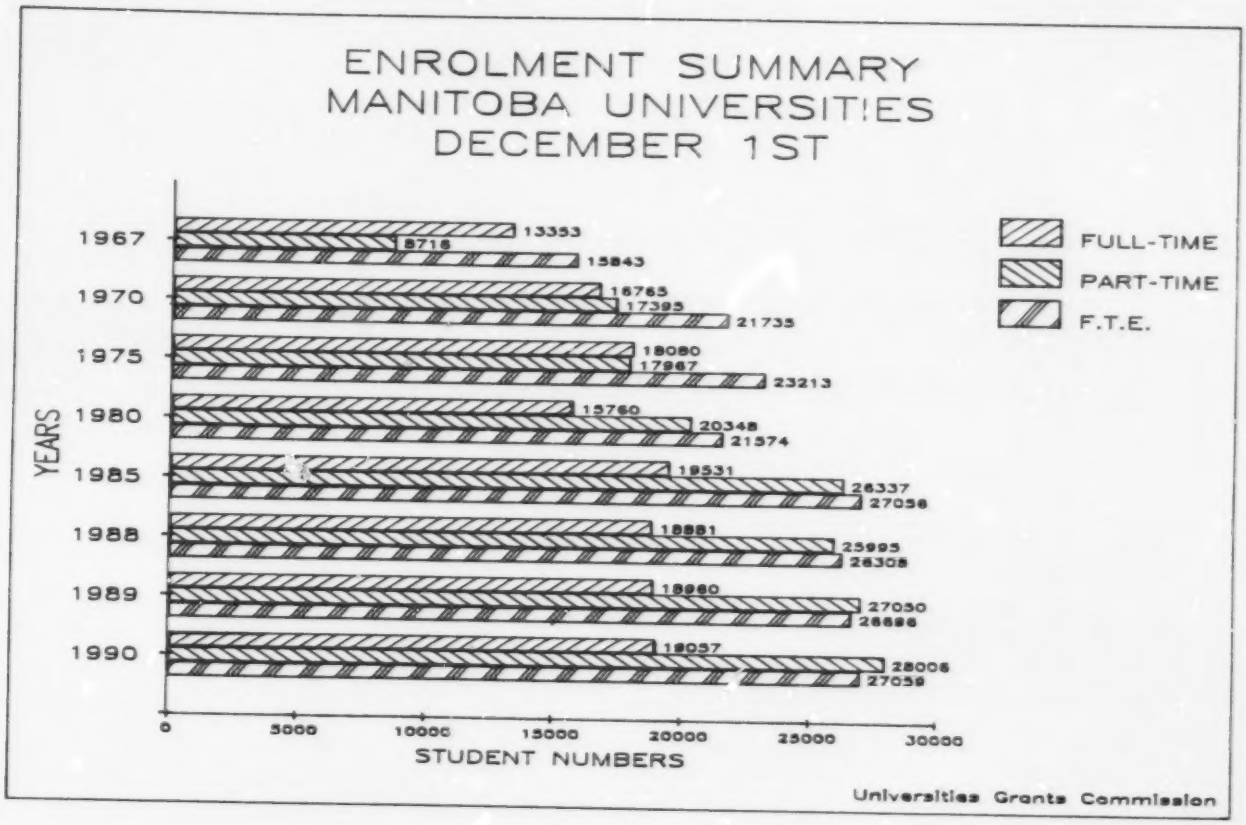
	1987-88	% of Total	1988-89	% of Total	1989-90	% of Total	1990-91	% of Total
United States	142	6.5	160	7.9	130	6.3	133	6.4
Caribbean, Central & South America	115	5.3	118	5.9	121	5.8	119	5.7
United Kingdom & Eire	132	6.0	112	5.6	89	4.3	100	4.8
Other Europe	214	9.8	215	10.7	226	10.9	206	9.8
Africa	188	8.6	164	8.1	193	9.3	177	8.5
Hong Kong	742	33.9	640	31.7	616	29.7	623	29.8
Other Asia	609	27.8	543	26.9	595	28.7	598	28.6
Middle East	34	1.6	28	1.4	35	1.7	41	2.0
Oceania	9	.4	3	.1	9	.4	11	.5
Unknown	3	.1	34	1.7	57	2.7	82	3.9
Total	2,188		2,017		2,071		2,090	

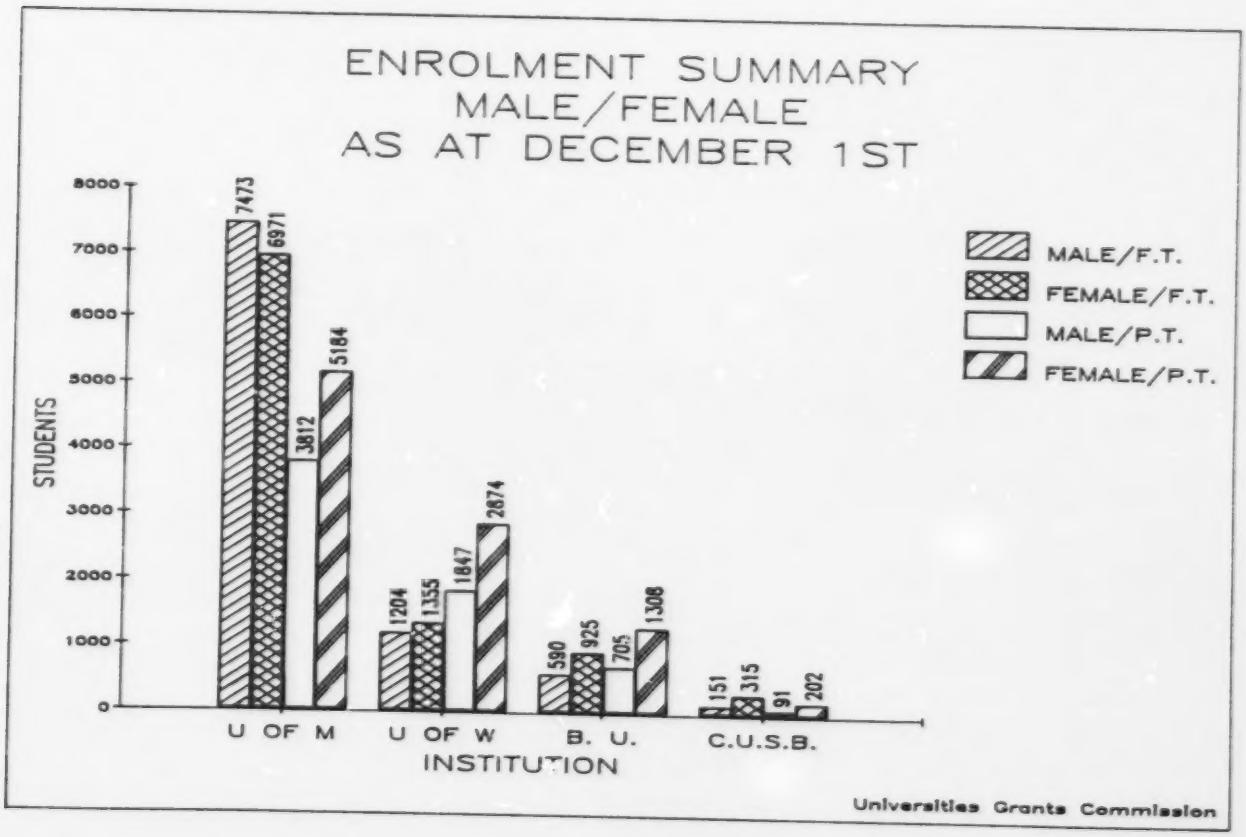
Table X in Appendix "C" shows that in 1990-91 the faculties of Graduate Studies (589 or 28.2%), Engineering (156 or 7.5%), Science (304 or 14.5%), Arts (237 or 11.3%), and Education (59 or 2.8%) had the highest enrolments of foreign students (excluding the University of Winnipeg figures).

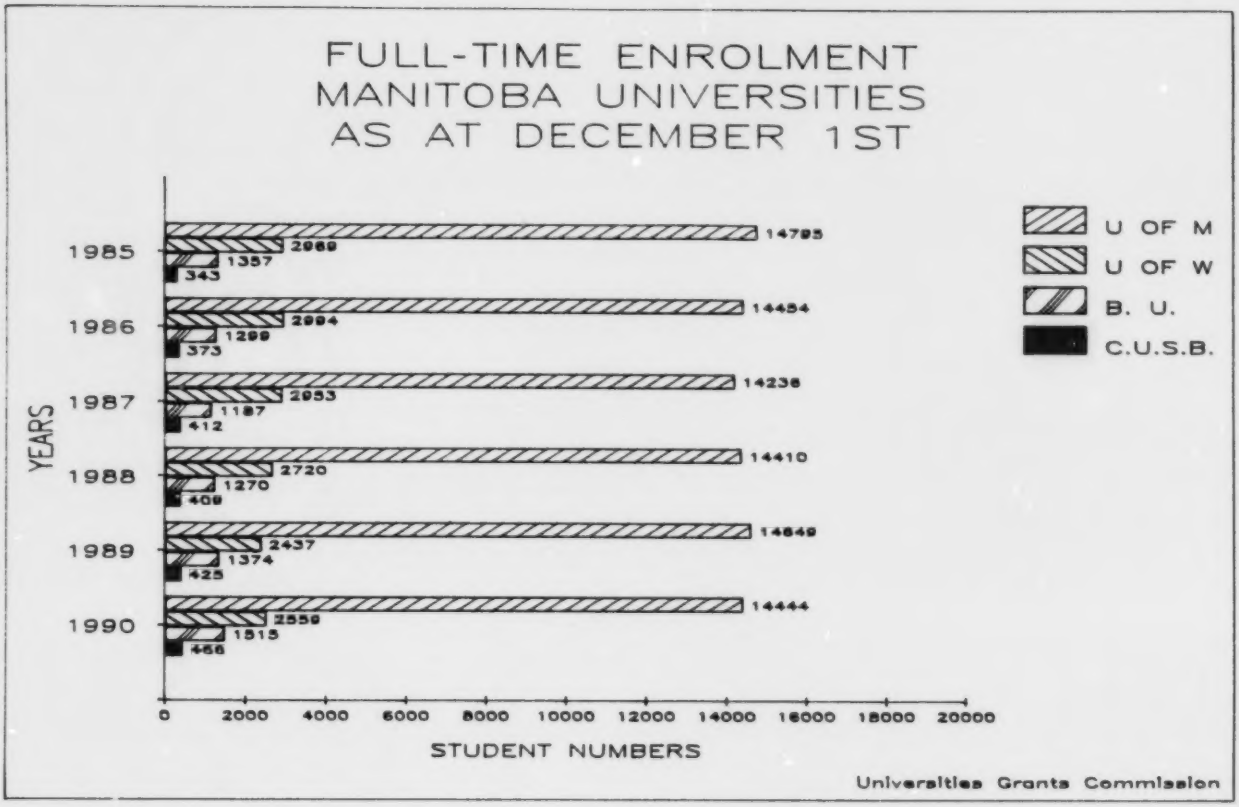
The following table shows that 28.2% of the foreign students are enroled in Graduate Studies, whereas only 9.6% of all full-time students are enroled in graduate programs.

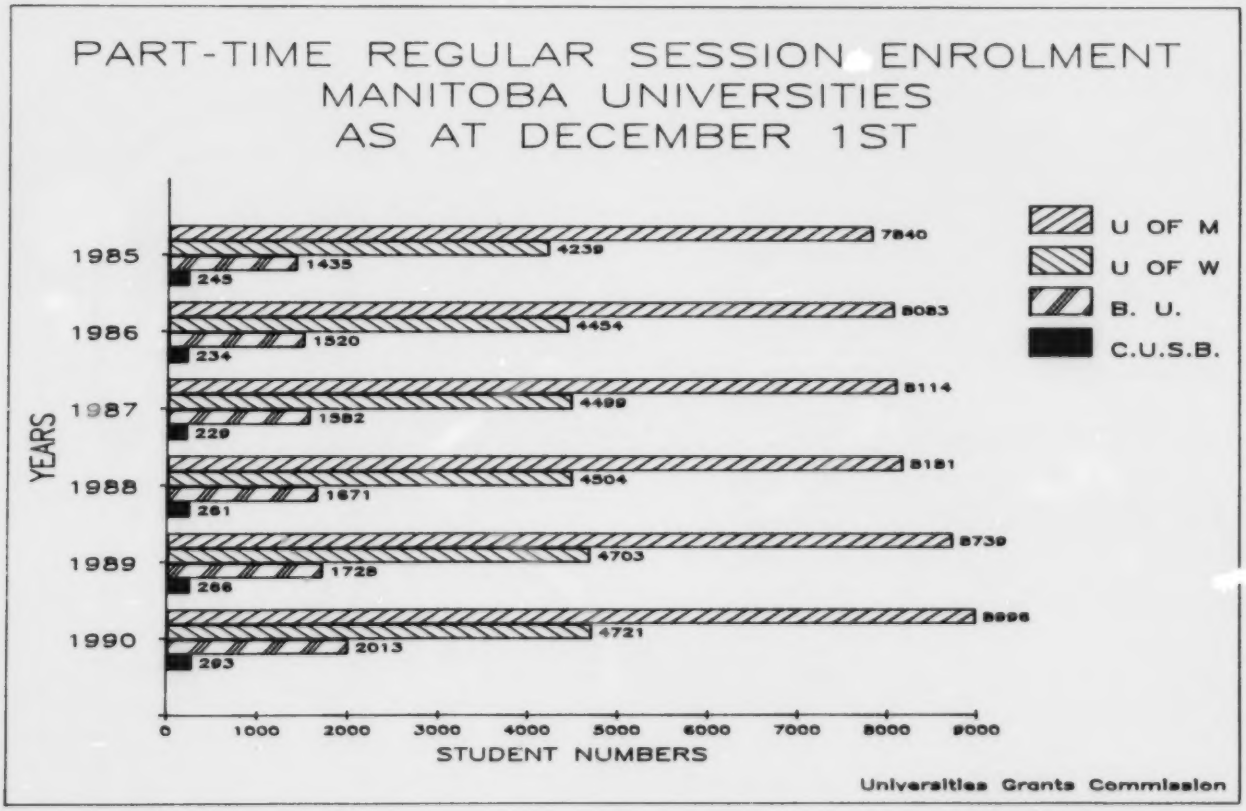
Summary of Full-Time Foreign Students

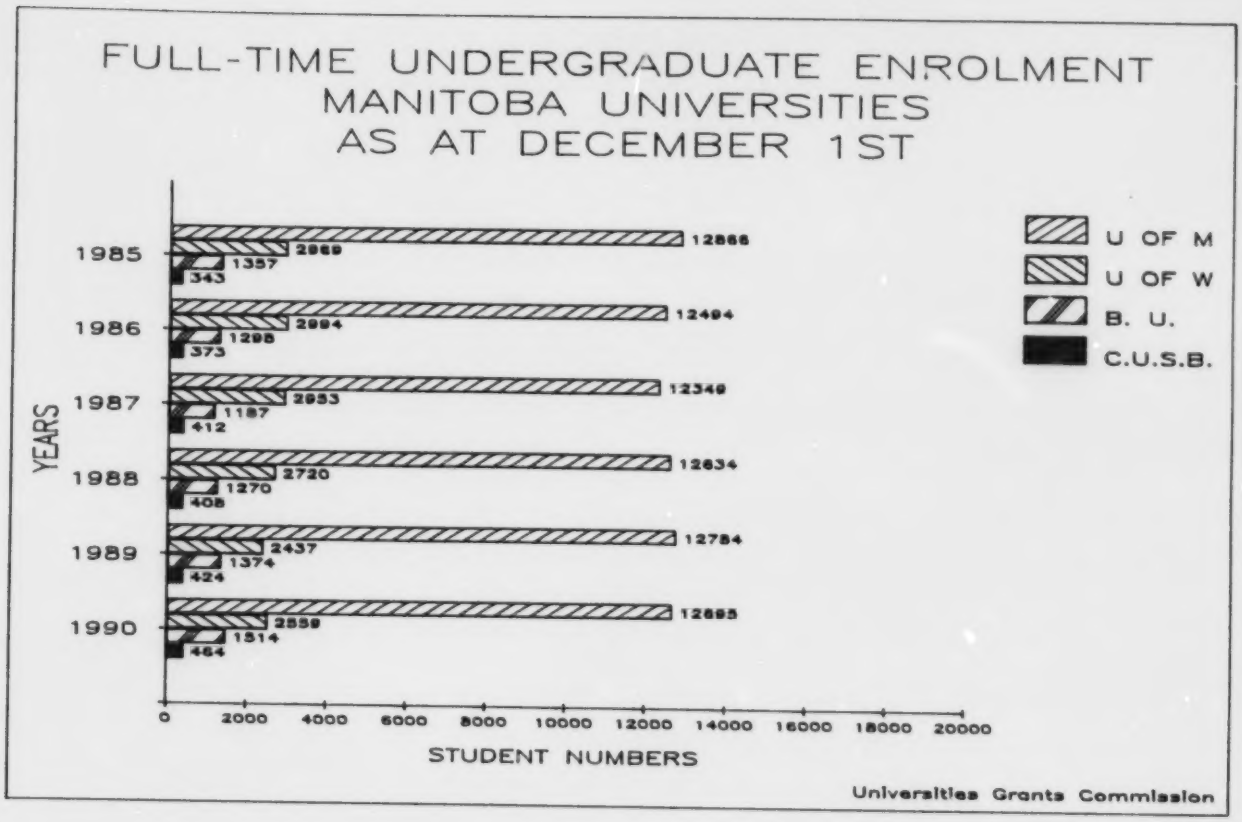
Year	Graduate	Undergraduate	Total	% Graduate Students
1967-68	308	663	971	31.7%
1970-71	442	980	1,422	31.1%
1975-76	443	1,599	2,042	21.7%
1980-81	396	1,216	1,612	24.6%
1985-86	496	2,307	2,803	17.7%
1987-88	490	1,698	2,188	22.4%
1988-89	500	1,517	2,017	24.8%
1989-90	575	1,496	2,071	27.8%
1990-91	589	1,501	2,090	28.2%

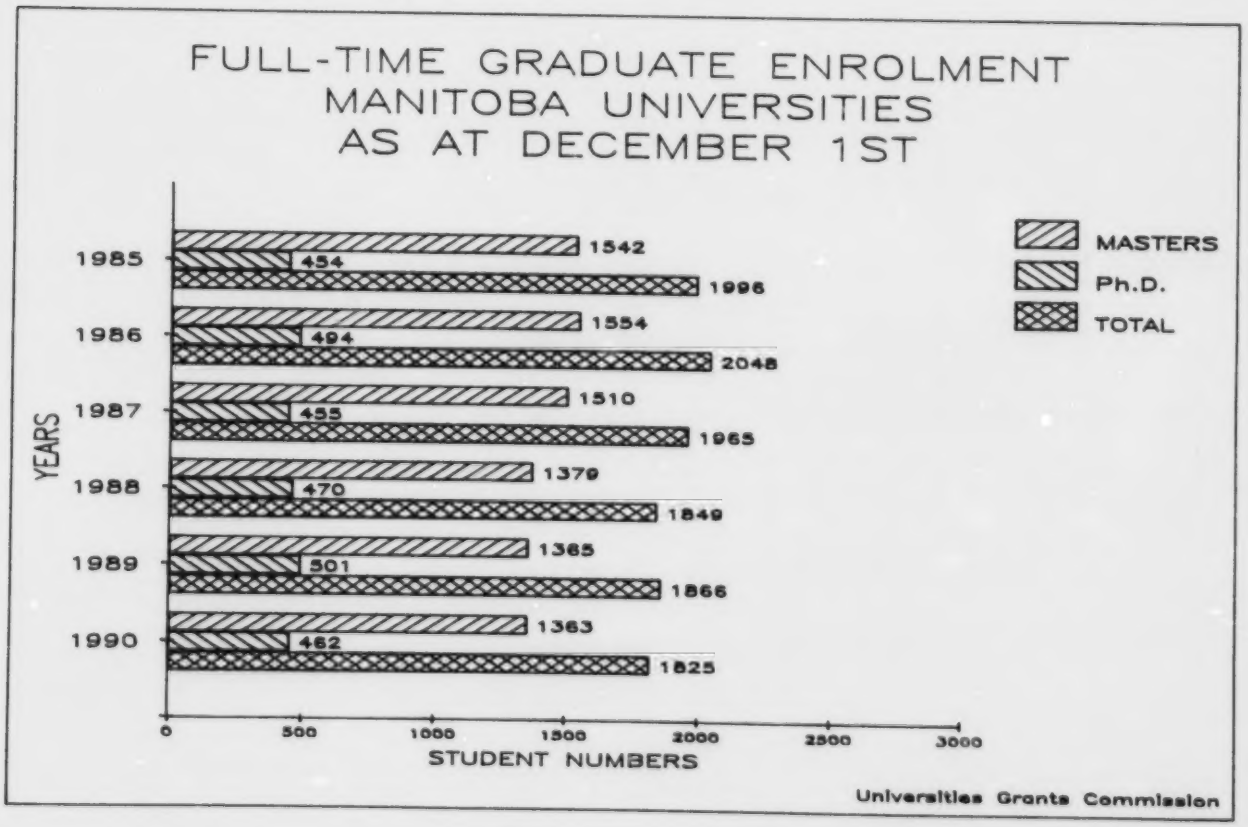

ENROLMENT SUMMARY
MANITOBA UNIVERSITIES
DECEMBER 1ST
YEARS
1967
1970
1975
1980
1985
1988
1989
1990
13353
8716
15843
16765
17395
21735
18080
17987
23213
15760
20348
21574
19531
26337
27058
18881
25995
26308
18960
27050
26696
19057
28006
27059
FULL-TIME
PART-TIME
F.T.E.
0
5000
10000
15000
20000
25000
30000
STUDENT NUMBERS
Universities Grants Commission

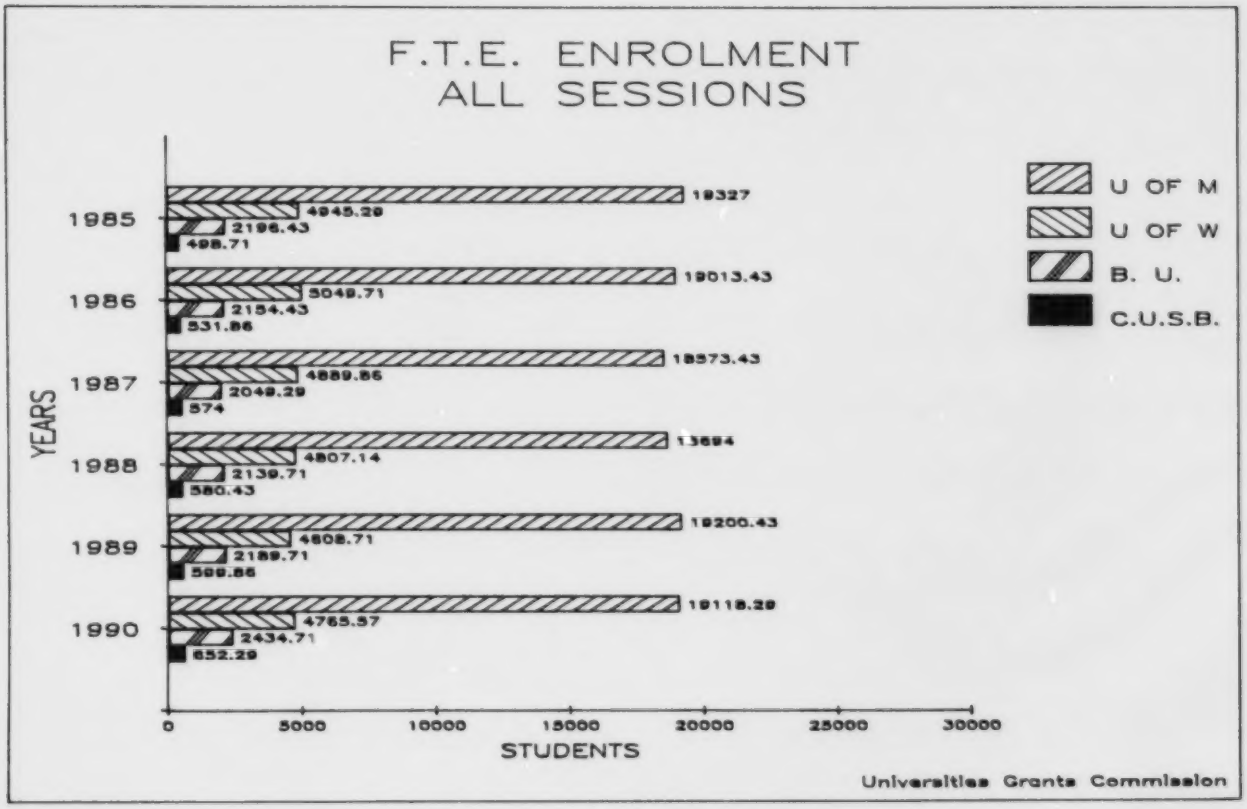

ENROLMENT SUMMARY
MALE/FEMALE
AS AT DECEMBER 1ST
STUDENTS
8000
7000
6000
5000
4000
3000
2000
1000
0
7473
6971
3812
5184
1204
1355
1847
2874
590
925
705
1308
151
315
91
202
MALE/F.T.
FEMALE/F.T.
MALE/P.T.
FEMALE/P.T.
U OF M
U OF W
B. U.
C.U.S.B.
INSTITUTION
Universities Grants Commission

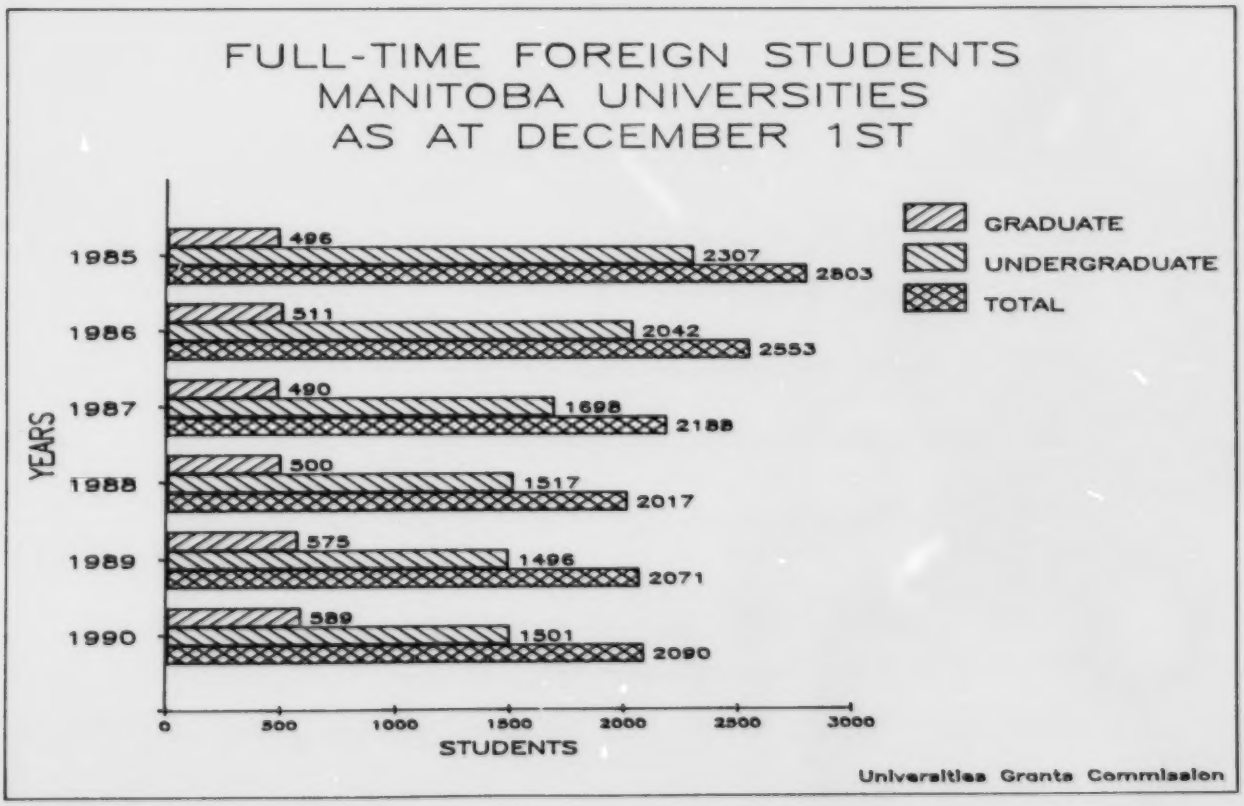

FULL-TIME ENROLMENT
MANITOBA UNIVERSITIES
AS AT DECEMBER 1ST
YEARS
1985
1986
1987
1988
1989
1990
14795
2969
1357
345
14454
2994
1299
373
14238
2953
1187
412
14410
2720
1270
409
14849
2437
1374
425
14444
2559
1515
466
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
STUDENT NUMBERS
U OF M
U OF W
B. U.
C.U.S.B.
Universities Grants Commission


PART-TIME REGULAR SESSION ENROLMENT
MANITOBA UNIVERSITIES
AS AT DECEMBER 1ST
YEARS
1985
1986
1987
1988
1989
1990
7840
4239
1435
245
8083
4454
1520
234
8114
4499
1582
229
8181
4504
1671
261
8739
4703
1728
268
8996
4721
2013
293
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
STUDENT NUMBERS
U OF M
U OF W
B. U.
C.U.S.B.
Universities Grants Commission


FULL-TIME UNDERGRADUATE ENROLMENT
MANITOBA UNIVERSITIES
AS AT DECEMBER 1ST
YEARS
1985
1986
1987
1988
1989
1990
12866
2969
1357
343
12494
2994
1298
373
12349
2953
1187
412
12634
2720
1270
408
12784
2437
1374
424
12693
2559
1514
464
U OF M
U OF W
B. U.
C.U.S.B.
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
STUDENT NUMBERS
Universities Grants Commission


FULL-TIME GRADUATE ENROLMENT
MANITOBA UNIVERSITIES
AS AT DECEMBER 1ST
YEARS
1985
1986
1987
1988
1989
1990
1542
454
1998
1554
494
2048
1510
455
1965
1379
470
1849
1365
501
1866
1363
462
1825
MASTERS
Ph.D.
TOTAL
0
500
1000
1500
2000
2500
3000
STUDENT NUMBERS
Universities Grants Commission


F.T.E. ENROLMENT
ALL SESSIONS
U OF M
U OF W
B. U.
C.U.S.B.
YEARS
1985
19327
4945.29
2196.43
498.71
1986
19013.43
5049.71
2154.43
531.86
1987
18573.43
4889.86
2049.29
574
1988
13694
4807.14
2139.71
580.43
1989
19200.43
4808.71
2189.71
589.86
1990
19118.29
4765.57
2434.71
652.29
0
5000
10000
15000
20000
25000
30000
STUDENTS
Universities Grants Commission


FULL-TIME FOREIGN STUDENTS
MANITOBA UNIVERSITIES
AS AT DECEMBER 1ST
GRADUATE
UNDERGRADUATE
TOTAL
YEARS
1985
496
2307
2803
1986
511
2042
2553
1987
490
1698
2188
1988
500
1517
2017
1989
575
1496
2071
1990
589
1501
2090
0
500
1000
1500
2000
2500
3000
STUDENTS
Universities Grants Commission

CHAPTER VI

GRADUATES

"Input" in the form of students entering the universities should in due course result in "output" in the form of students graduating from those institutions.

The number of candidates qualifying for degrees, diplomas and certificates at the universities in Manitoba is listed in the following table:

Year	Number of Candidates Graduating	Increase (Decrease) Over Previous Year
1967-68	3,956	-
1970-71	5,081	-
1975-76	5,208	-
1980-81	5,058	-
1985-86	5,489	5.4%
1986-87	5,738	4.5%
1987-88	5,690	(0.8%)
1988-89	5,611	(1.4%)
1989-90	5,366	(4.4%)
1990-91	5,746	7.1%

In 1990-91, the faculties of Arts (1,881 or 32.7%), Science (647 or 11.3%) and Education (1,099 or 19.1%) at the institutions provided the largest number of graduates.

In 1990-91, 84.5% of the graduates received their bachelor's or first professional degree, 9.0% received a master's degree, 1.3% received a doctorate and 5.2% received a diploma or certificate. Appendix "D" provides further information on the degrees awarded at the Manitoba universities.

CHAPTER VII

FINANCE

Budget Process for 1990/91

The Commission's budget process involves three phases.

1. The universities make submissions to the Commission, outlining their financial and other needs for the coming year. This process normally occurs between March and July.

2. The Commission makes recommendations to the Minister and the government on appropriate funding levels for universities, and, where considered appropriate, on other university-related policy matters.

3. Once the government advises the Commission of the level of funding to be provided in the following year, the Commission allocates the available funds among the universities and programs it supports, and so advises the various parties. (See Appendix "E" & "F")

A more complete description of this process follows.

Budgetary Submissions

On May 4, 1989, the Universities Grants Commission sent letters to the universities requesting the annual Estimates' submission by May 31st if possible. The Commission sought submissions which placed the universities' budgetary requests in a context which would allow the Commission to make informed judgments about each institution in formulating its recommendations to government.

The suggested format asked the universities to briefly define their goals and objectives, provide a statement of the current status of the institution including major areas of strength, stress or need with a long term and short term focus. Significant changes in enrolment patterns expected of the next few years and the impact these changes will have on financing, programs and services. A brief description of the planning and budgeting process and how the issues previously mentioned were being addressed within these processes.

The financial data requested included the 1989/90 base for each budgetary unit, and an indicator of staffing, (academic and other) and enrolment for each unit. The Commission requested the universities comments on the internal reallocation of resources both past and future. An estimate of the impact of known factors on the universities budgets for the 1990/91 fiscal year included salary changes [both scale and increments], cost of supplies and services, infrastructure needs, projected changes in program and staffing, revenue from non-government sources, and any other relevant factors. Specific costs of which the Commission should be made aware. These could include new programs or services, cuts in other revenue, special one time expenditures, or any other matter which the institution deemed important.

The Commission once again asked the universities to provide cost per student data, and an estimate of revenues by major source with comments on any significant trends in non-grant revenue sources.

Under the headings of Major, and Equipment and Renovation Capital the Commission requested an indication of the institutions perceived capital needs for the next five years.

A brief outline of proposed Major Capital projects, such as new or substantially renovated buildings, was also requested.

When the estimates' submissions were received, the Universities Grants Commission staff analyzed the submissions

for the commissioners to review before the meetings with the institutions. The Commission then met with each university, for a half a day, discussed their individual estimates packages and the additional information the institution provided at the meeting.

Recommendations to government

Subsequent to the meetings with the universities the Commission developed a set of recommendations, for the university system, for presentation to the Minister. These were based on the universities' written submissions and meetings, other data available to the Commission, and the commissioners own views of what was required. The Commission reviewed several drafts of these recommendations before they were submitted to the Minister.

The Commission's policy is one of keeping its recommendations confidential, in the belief that this ensures the ability of the Commission and government to speak openly to each other.

After reviewing the Commission submission, the Minister met with the Commission for further discussions. Following this, he submitted his recommendations to Treasury Board and Cabinet. Final funding decisions were made and announced by government in early June 1990.

Allocations to each institution

While the government's estimates were under review by Cabinet, the Grants Commission considered various scenarios for the distribution of the operating and capital grants amongst the universities. This decision was not made by formula or algorithm, but was based on the Commission's informed judgment about the relative needs of each institution.

Ongoing discussion between Commission staff and staff of Treasury Board allowed the Commission to keep informed about the budgetary prospects, and therefore to consider in advance its own allocation decisions under a variety of plausible options. When the final budget figures were known, the Commission was in a position to quickly finalize its own allocations. In conjunction with the Minister's public announcement of overall university system funding levels in June, the Universities Grants Commission wrote to all universities advising them of their individual funding levels.

During the year under review, following the original allocations, the Commission made a number of internal and/or external reallocations which allowed for the most effective use of the available funding.

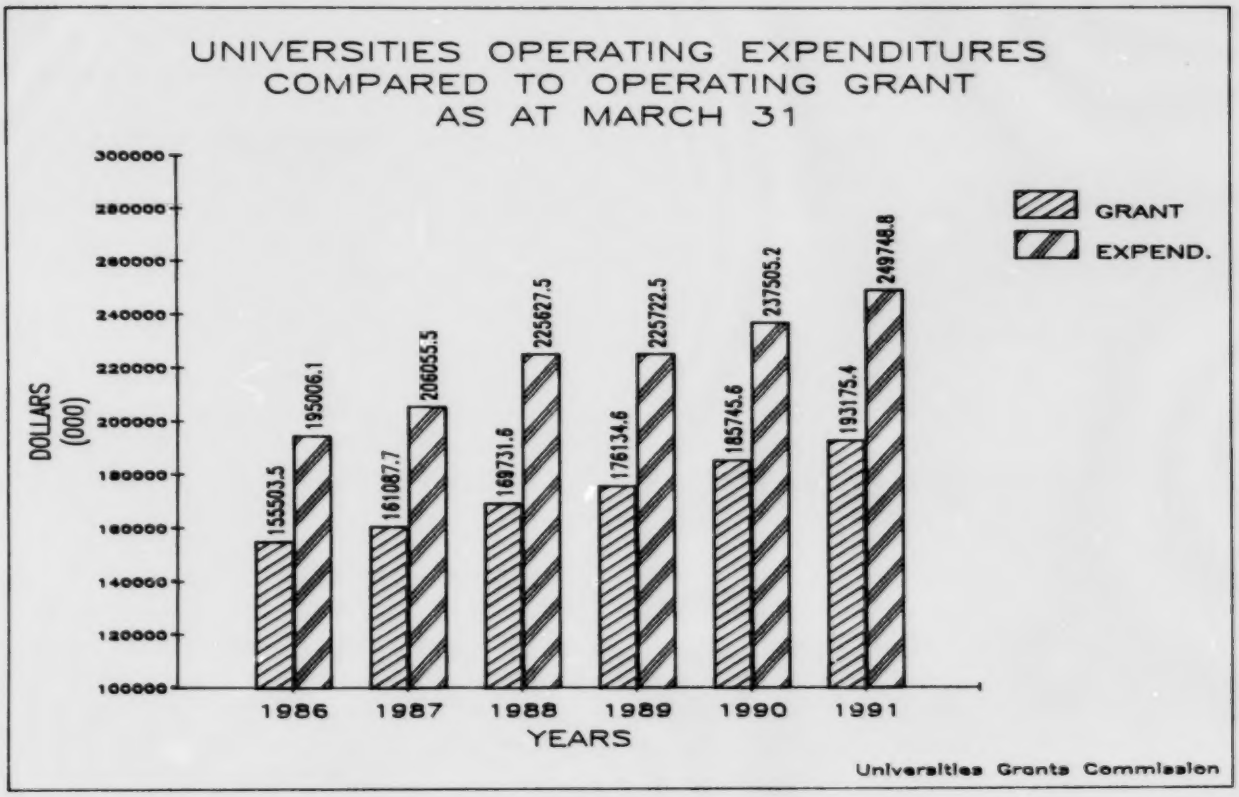
Access and Operating Funds

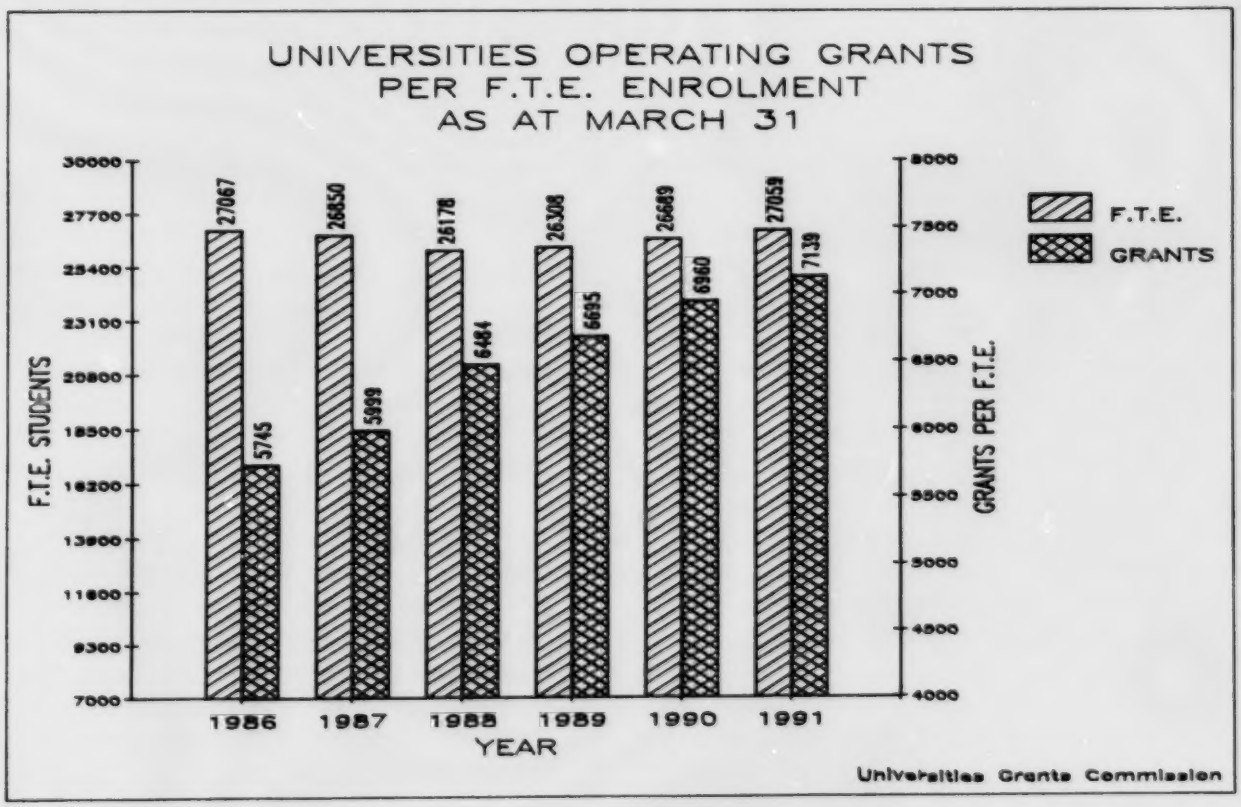
A number of reallocations within the Access Fund allowed the Commission to fund such projects as, the Disabled Students Service Centre, the Summer Program for Women in Science and Engineering at the University of Manitoba. The Commission also transferred funds from its accumulated surplus to the Access Fund to enable it to cover the secondment of Dr. Unruh from PACE to the University of Manitoba to serve as Access Coordinator.

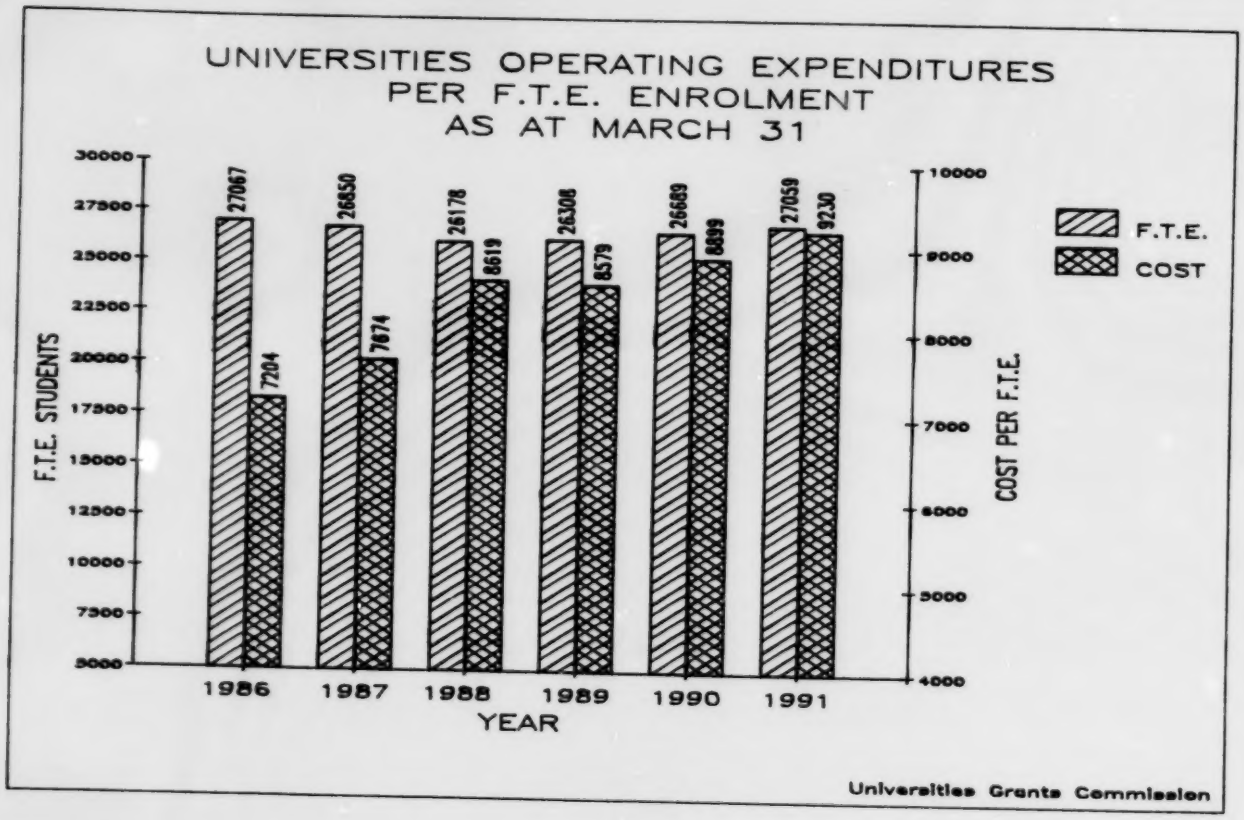
Funds which had been set aside for the Audio/Visual Link were used, in part, to cover the cost of a study re Bachelor of Social Work Degree via Distance Education and, establish a television Satellite Production Facility, for use in the production and distribution of university distance education programs, at Brandon, Manitoba.

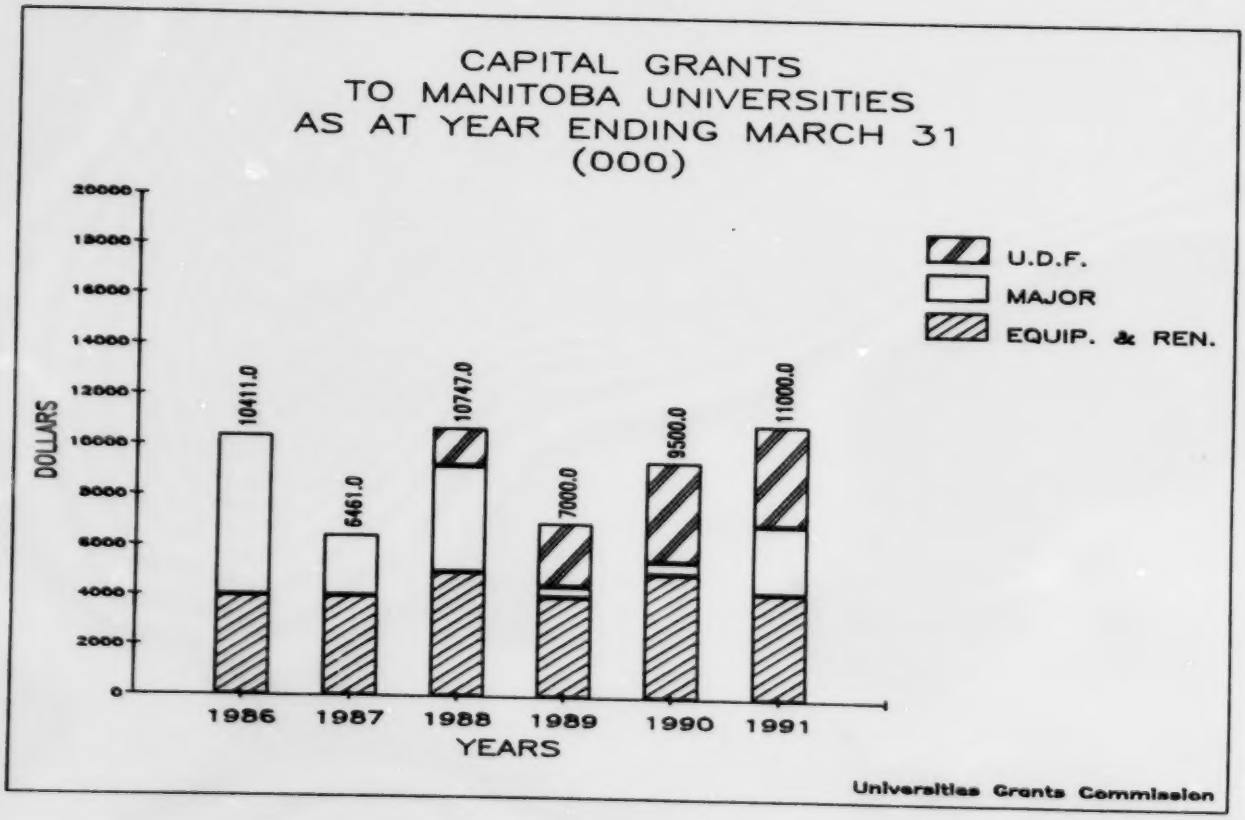
Capital

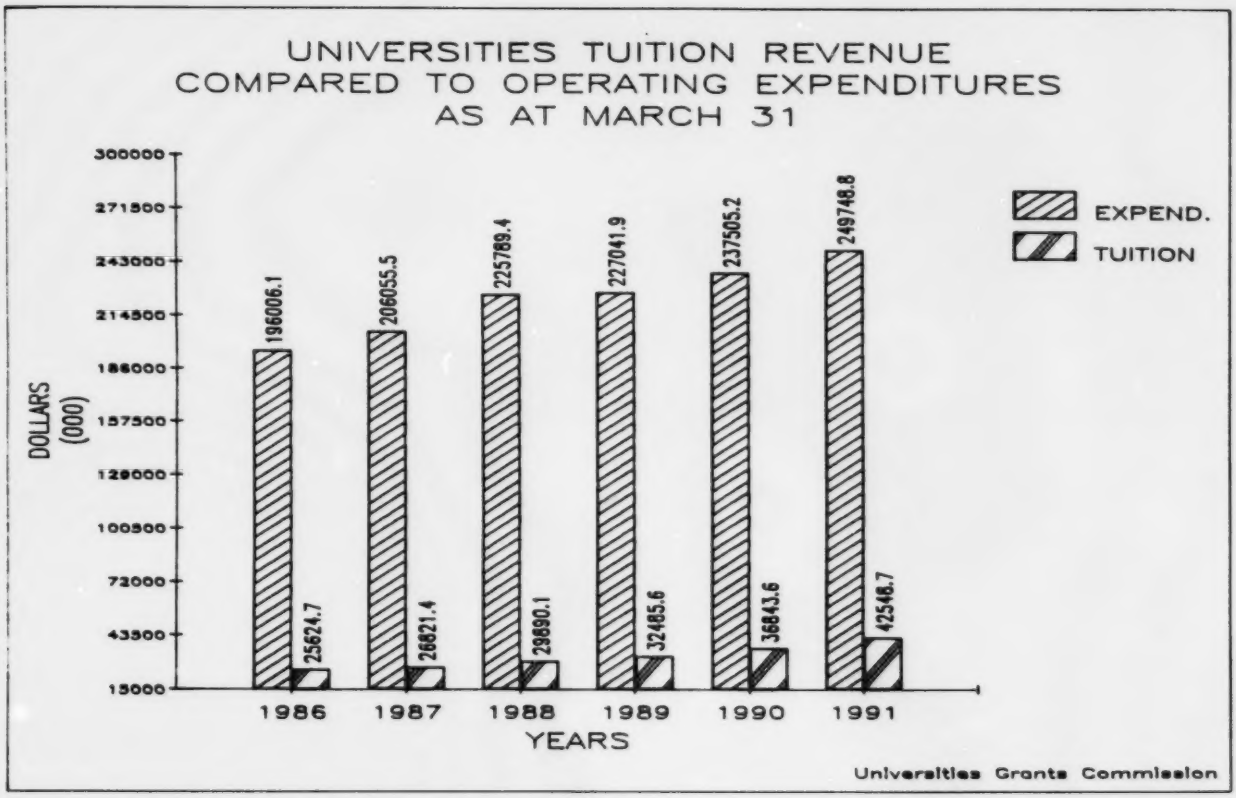
The Library Addition Project at Brandon University had proceeded at a much slower rate than anticipated and the Commission, with the approval of the Government, was able to transfer those funds to the University of Winnipeg so that the University could commence with the very urgent repairs to the roof of Centennial Hall.


UNIVERSITIES OPERATING EXPENDITURES
COMPARED TO OPERATING GRANT
AS AT MARCH 31
DOLLARS
(000)
300000
280000
260000
240000
220000
200000
180000
160000
140000
120000
100000
155503.5
195006.1
161087.7
206055.5
169731.8
225627.5
176134.6
225722.5
185745.6
237505.2
193175.4
249748.8
1986
1987
1988
1989
1990
1991
YEARS
GRANT
EXPEND.
Universities Grants Commission


UNIVERSITIES OPERATING GRANTS
PER F.T.E. ENROLMENT
AS AT MARCH 31
F.T.E. STUDENTS
30000
27700
25400
23100
20800
18500
16200
13900
11600
9300
7000
GRANTS PER F.T.E.
8000
7500
7000
6500
6000
5500
5000
4500
4000
27067
5745
26850
5999
26178
6484
26308
6695
26689
6960
27059
7139
1986
1987
1988
1989
1990
1991
YEAR
F.T.E.
GRANTS
Universities Grants Commission


UNIVERSITIES OPERATING EXPENDITURES
PER F.T.E. ENROLMENT
AS AT MARCH 31
F.T.E. STUDENTS
COST PER F.T.E.
F.T.E.
COST
27067
7204
26850
7674
26178
8619
26308
8579
26689
8899
27059
9230
1986
1987
1988
1989
1990
1991
YEAR
Universities Grants Commission


CAPITAL GRANTS
TO MANITOBA UNIVERSITIES
AS AT YEAR ENDING MARCH 31
(000)
DOLLARS
U.D.F.
MAJOR
EQUIP. & REN.
10411.0
6461.0
10747.0
7000.0
9500.0
11000.0
1986
1987
1988
1989
1990
1991
YEARS
Universities Grants Commission


UNIVERSITIES TUITION REVENUE
COMPARED TO OPERATING EXPENDITURES
AS AT MARCH 31
DOLLARS (000)
300000
271500
243000
214500
186000
157500
129000
100500
72000
43300
15000
196006.1
25624.7
206055.5
26821.4
225789.4
29890.1
227041.9
32485.6
237505.2
36843.6
249748.8
42548.7
1986
1987
1988
1989
1990
1991
YEARS
EXPEND.
TUITION
Universities Grants Commission

CHAPTER VIII

INSTITUTIONAL STAFF

1. Academic Staff

(a) Full-Time

For 1990-91, the universities and Collège universitaire de Saint-Boniface were asked to report the numbers of full-time staff paid from their operating funds. The table below summarizes the reports received. The University of Manitoba's count includes split appointments, i.e. full-time staff paid from both operating and non-operating (e.g. research) funds.

	Deans/Full Professors	Associates	Assistants	Lecturers	Others	Total
University of Manitoba	579	441	266	21	50	1,357
University of Winnipeg	64	64	41	2	31	202
Brandon University	21	44	50	10	29	154
Collège universitaire de Saint-Boniface	5	17	10	3	8	43
Total [i]	669	566	367	36	118	1,756

(b) Part-Time

The institutions also reported the part-time staff paid from operating funds for 1990-91.

	Deans/Full Professors	Associates	Assistants	Lecturers	Others	Total
University of Manitoba	27	33	47	148	105	360
University of Winnipeg	6	7	1	1	11	26
Brandon University	3	3	0	0	3	9
Collège universitaire de Saint-Boniface	0	7	12	13	0	32
Total [ii]	36	50	60	162	119	427

2. Support Staff

For 1990-91, the institutions were asked to report the numbers of full-time and part-time support staff paid from their operating funds. The following table summarizes the institutions' responses:

	Full-Time	Part-Time
University of Manitoba	1,658	65
University of Winnipeg	228	10
Brandon University	175	34
Collège universitaire de Saint-Boniface	25	13
Total [iii]	2,086	122

Notes

(i) An additional 121 full-time academic staff were paid from non-operating funds.

(ii) An additional 35 part-time academic staff were paid from non-operating funds.

(iii) An additional 345 support staff were paid from non-operating funds.

CHAPTER IX

CAPITAL PROJECTS

University of Manitoba

There were two major capital projects undertaken at the University of Manitoba during the 1990-91 fiscal year.

Faculty of Dentistry

The major capital project for the Faculty of Dentistry was composed of two parts, the construction of additional space and the major renovation of existing space, and was completed on October 1, 1990.

The new 10,000 square foot addition will house offices, a 70 seat lecture theatre, and a new waiting room. The renovated areas will include new labs, a radiology area, oral surgery suites, orthodontics clinic, study carrels, and a locker and lounge area.

The most dramatic changes will be evident in the patient clinic where dental and dental hygiene students treat over 2,500 patients (16,000 visits annually). The space in each of the 65 treatment bays will be almost doubled to better accommodate modern "four handed" dentistry, where dental care is performed in a sitting position, and the dental assistant plays a larger role in the treatment.

Main Service Tunnel

The replacement of the failing Fort Garry Campus main service tunnel was commenced at the south side of the Campus on November 1, 1990. When completed, all major services such as steam, condensate, chilled water, hot water, compressed air, telephone and computer cabling will be relocated in the new service tunnel. This project, at a total cost of $11,237,500, is being funded through the Universities Grants Commission by a special debenture.

Major replacement and renovations

As in previous years, several underground city water line and chilled water line breakages occurred due to shrinking ground conditions, which required immediate repair.

Further, severe corrosive ground conditions required the replacement of two major underground condensate return lines along University Crescent and Dafoe Road.

The first step was undertaken to prepare plans and specifications to replace the aging and in some areas overloaded underground electric feeder cables and transfer switches.

Several washrooms were upgraded and automatic door openers installed to provide a more comfortable environment for handicapped staff and students.

Road and sidewalk repair was carried out in most urgently needed locations. Major upgrading of the Duff Roblin Psychology Department Animal area to meet Canadian Council of Animal Care requirements has commenced, with completion slated in June 1991.

Roof, window and wall repairs were completed in several areas, and classroom upgrading was carried out in several buildings.

The new Architecture II Computer Lab installation, which will permit installation of new Apple Computers donated for research and teaching, was completed.

Human Ecology Computer Lab installation was completed prior to the start of the September 1, 1991 academic year.

Bannatyne Campus Reverse Osmosis treated water system installation, which will now provide high grade water to labs at greatly reduced production costs, was completed.

University of Winnipeg

Refurbished Office Space

During the summer of 1990, the University

redeveloped the last remaining floor of residence rooms in Graham Hall into academic office areas. In addition, the academic offices on two floors of Ashdown Hall were renovated. This project included the removal of asbestos-containing materials from the offices, as well as an upgrade of the mechanical system. Both projects were funded by the Manitoba Universities Development Fund.

Brandon University

Steam Plant

Construction of a new $1.5 million steam plant was completed and brought into full operation in the Fall 1990. The plant will provide steam heat and hot water for the campus.

Asbestos Removal Project

During the year under review the University undertook a comprehensive asbestos removal program at a cost of $400,000. The largest part of the program was replacing the textured ceiling in the McMaster Hall Residence complex.

Collège universitaire de Saint-Boniface

Phase I of the renovation of classrooms and partial upgrading of the heating system was commenced at the end of the 1990-91 fiscal year and should be completed during the 1991-92 fiscal year.

This project is jointly funded by the Government of Manitoba, the Government of Canada and Collège universitaire de Saint-Boniface.

APPENDICES

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APPENDIX "A"

Academic Programs by Institution, Institutes, Research Units and other Academic Administrative Units, 1990-91

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION
1990-91

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg (Including Menno Simons College)
BU - Brandon University
SB - Collège universitaire de Saint-Boniface[A]

		DEGREE									
		Undergraduate			Graduate[C]		Diploma		Certificate		
Faculty and/or School	Program[B] (Subject/Field and/or Department)	Honours or Specialty (4 years or more)	Major or Specialty (3 Years Normally)	Minor	Masters	Ph.D.	Under-graduate	Graduate	Undergraduate	Graduate	Other
Agriculture	Agriculture,						UM				BU (1st Year)
	Agriculture Economics & Farm Management,	UM			UM	UM					
	Agricultural Science,	UM									
	Animal Science,	UM			UM	UM					
	Dairying,						UM				
	Entomology,	UM			UM	UM					
	Food & Nutritional Sciences,[1]					UM[18]					
	Food Science,	UM			UM						
	Plant Science,	UM			UM	UM					
	Soil Science,	UM			UM	UM					
Architecture and Interior Design	Architecture,				UM						
	City Planning,				UM						
	Environmental Studies,		UM								
	Interior Design,	UM									
	Landscape Architecture,				UM						
	Public Affairs,[1,12]				UM						
Arts & Science[26]	Actuarial & Management Sciences,[1]	UM			UM						
	Administrative Studies,[1]		UW	BU							
	Anthropology,	UM,UW,BU	UM[14],UW[14],BU,SB	UM,BU,SB	UM	UM					
	Applied Economics Option,	UM,	UM[14]								
	Applied Mathematics,	UM[13]	UM[14],UW[14]	UM	UM						
	Art History,	UM,UW	UM,UW[14]	UM							BU (Fine Arts)
	Asian Studies,[1]			UM							
	Astronomy,		UM[14,19]								
	Biology,		UW[14]								
	Biochemistry,[1]	UM[15]									
	Botany,	UM,BU	UM[14],BU	UM,BU	UM[20]	UM					

Arts & Science[26] (cont'd)	Business Administration		BU	BU								
	Canadian Studies,[1]	UM	UM,UW[16],BU,SB	UM,SB								
	Chemistry,	UM,BU,SB	UM[16],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Classics											
	i Classical Studies,	UM[16],UW[16]	UM									
	ii Civilization,	UW	UW[16]									
	iii Latin,	UM	UM,UW[16]	UM,BU	UM	UM						
	iv Greek,	UM	UM,UW[16]	UM	UM							
	Computer Science,	UM[23],BU	UM[16],BU	UM,BU	UM	UM						
	Conflict Resolution Studies,[1]		UW									
	Criminology,		UM									
	Developmental Studies,[1]		UW									
	Drama,[1]		UM[16]	BU								
	Ecology,[1]	UM[15]										
	Economics,	UM,UW,BU	UM[16],UW[16],BU	UM,BU	UM	UM						
	English,	UM,UW,BU	UM[16],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Environmental Studies,[1,5]		UW									
	Film,[1]		UM[16]	UM								
	Francais,	SB	SB	SB								
	French,	UM,UW,BU	UM,UW[16],BU	UM,BU	UM	UM						
	Genetics,[1]	UM										
	Geography,	UM,UW,BU	UM[16],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Geological Science,[2]	UM,BU	UM[16],BU	UM,BU	UM	UM						
	German,	UM,UW	UM[16],UW[16]	UM,BU	UM							
	History,[22]	UM,UW,BU	UM[16],UW[16],BU,SB	UM,BU,SB	UM,UW	UM						
	Icelandic,	UM	UM	UM	UM							
	Justice & Law Enforcement,[1]		UW									
	Labour Studies,[1]		UM[16]	UM								
	Latin American Studies,[1]			UM								
	Linguistics,[1]	UM	UM	UM	UM	UM						
	Mathematics,	UM[27],UW,BU	UM[16],UW[16],BU,SB	UM,BU,SB	UM	UM						
	Medieval Studies,[1]			UM								
	Medieval & Renaissance Studies,[1]		UM[16]									
	Microbiology,	UM,SB	UM[16],SB	UM,SB	UM[20]	UM						
	Molecular Biology,[1]		UW									
	Music,	BU	UM[17],UW[9],BU	BU								
	Native Studies											
	i Native Studies,	BU	UM,BU	UM,BU								
	ii Native Languages,			UM,BU								
	Near Eastern & Judaic Studies											
	i Near Eastern & Judaic Civilization,		UM[16]	UM								
	ii Yiddish,			UM								
	Nursing and Health Studies,		BU[28]									
	Philosophy,	UM,UW,BU	UM[16],UW[16],BU,SB	UM,BU,SB	UM							

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION
1990-91

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg (Including Menno Simons College)
BU - Brandon University
SB - Collège universitaire de Saint-Boniface[A]

		DEGREE									
		Undergraduate			Graduate[C]		Diploma		Certificate		
Faculty and/or School	Program[B] (Subject/Field and/or Department)	Honours or Specialty (4 years or more)	Major or Specialty (3 Years Normally)	Minor	Masters	Ph.D.	Under-graduate	Graduate	Undergraduate	Graduate	Other
Arts & Science[26] (cont'd)	Physical Geography,	UW	UW								
	Physics,	UM,BU	UM[14],UW[16],BU	UM,BU	UM	UM					
	Political Studies or Science,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM						
	Psychology,	UM,UW,BU	UM[14],UW,BU,SB	UM,BU,SB	UM	UM					
	Public Administration,[1,13]				UM,UW						
	Regional Studies,[1]		BU								
	Religion,[12]	UM,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM,UW						
	Slavic Studies										
	i Polish,			UM							
	ii Russian,	UM	UM[14]	UM	UM						
	iii Ukrainian,	UM	UM[14]	UM	UM						
	Social & Economic Development Studies,[1]		UW								
	Sociology,	UM,UW,BU	UM[14],UW[16],BU,SB	UM,BU,SB	UM	UM					
	Soviet & East European Studies,[1]	UM	UM[14]	UM							
	Spanish,		UM[14]	UM							
	Statistics,	UM	UM[14],UW	UM	UM	UM					
	Theatre,[1]			UM							
	Theatre & Dramatic Studies,	UW	UW	BU							
	Translation,	SB							SB		
	Ukrainian Canadian Heritage Studies,[1]		UM[14]	UM							
	Urban Studies,[1]		UW	UM							
	Women's Studies,[1]		UM,UW	UM,BU							
	Zoology,	UM,BU	UM[14],BU	UM,BU,SB	UM[20]	UM					
Dentistry[4]	Dental Medicine,	UM									
	Dental Science,				UM						
	Oral Biology,				UM	UM					
	Oral & Maxillo-facial surgery,							UM			
	Orthodontics,				UM						
	Periodontics,							UM			
	Prosthodontics,							UM			
Dental Hygiene	Dental Hygiene,						UM				

Education	Education,	UM,UW[8],BU,SB[6]	UW[9],BU,SB[6]		UM,SB, BU	UM			UM,UW[9],BU,SB		
	Educational Administration & Foundations,				UM	UM					
Engineering	Agricultural,	UM			UM	UM					
	Civil,	UM			UM	UM					
	Computer,	UM									
	Electrical,	UM			UM	UM					
	Geological,	UM									
	Industrial,	UM									
	Mechanical,	UM			UM	UM					
Art	Art History,	UM	UM								
	Fine Arts,	UM	UM				UM				
General Studies											BU[6]
Human Ecology	Comprehensive,	UM									
	Clothing & Textiles,	UM			UM						
	Family Studies,	UM			UM						
	Foods & Nutrition,	UM			UM						
	Food & Nutritional Sciences,[1]					UM[16]					
Law	Law,	UM			UM						
Management	Administrative Studies,			UM[17]							
	Accounting &/or Finance,	UM			UM						
	Actuarial & Management Sciences,[1]	UM			UM						
	Business Administration,	UM			UM						
	Marketing,	UM			UM						
	Public Policy,	UM			UM						
Medicine[7]	Anatomy,	UM			UM	UM					
	Anaesthesia,	UM									
	Biochemistry,[1]	UM			UM	UM[1]					
	Community Health Sc.				UM	UM					
	Family Medicine,	UM									
	Immunology,	UM			UM	UM					
	Internal Medicine,	UM			UM						
	Medical Microbiology,	UM			UM	UM					
	Obstetrics, Gynaecology & Reproductive Sciences,	UM									
	Opthalmology,	UM									
	Otolaryngology,	UM									
	Pathology,	UM			UM						
	Pediatrics & Child Health,	UM			UM						
	Pharmacology & Therapeutics,	UM			UM	UM					
	Physiology,	UM			UM	UM					
	Psychiatry,	[illegible]			UM						
	Radiology,	[illegible]									

APPENDIX "A"

ACADEMIC PROGRAMS BY INSTITUTION
1990-91

UM - University of Manitoba (Including St. Paul's & St. John's College)
UW - University of Winnipeg (Including Menno Simons College)
BU - Brandon University
SB - Collège universitaire de Saint-Boniface[A]

		DEGREE									
		Undergraduate			Graduate[C]		Diploma		Certificate		
Faculty and/or School	Program[B] (Subject/Field and/or Department)	Honours or Specialty (4 years or more)	Major or Specialty (3 Years Normally)	Minor	Masters	Ph.D.	Under-graduate	Graduate	Undergraduate	Graduate	Other
Medicine[7]	Social & Preventative Medicine,	UM									
	Surgery,	UM			UM						
Medical Rehabilitation	Physical Therapy,[25]	UM									
	Occupational Therapy,[25]	UM									
Music	Music,	UM,BU	UM[11]	UM[11]	BU						
Natural Resources Institute	Natural Resources Management,[1]				UM						
Nursing[26]	Nursing,	UM			UM						
Pharmacy	Pharmacy,	UM			UM	UM[23]					
Physical Education & Recreation Studies	Physical Education,		UM								
	Recreation Studies,	UM									
Social Work	Social Work,	UM			UM						
Theology	Theology,[10]	UW			UW						

ACADEMIC PROGRAMS BY INSTITUTION

NOTES

A. The Collège universitaire de Saint-Boniface is affiliated with the University of Manitoba. CUSB students may transfer CUSB credits to U.M. programs and vice-verse.
B. Many "sub-specialties" or "areas of concentration" exist within the various programs or specialty categories. For more details on these, consult the individual institutions.
C. Graduate degrees are not normally granted with designation as to any specialty. Post-Graduates, for example, in the Faculty of Medicine, can be awarded a M.Sc. and/or a Ph.D. (after undergraduate study) for concentration of research and study in any of the fields indicated.

1. Inter-disciplinary Program or Cross-Disciplinary Program.
2. Geological Sciences includes Geology, Geophysics, Crystallography, etc.
3. Environmental Studies Program is administered by Faculty of Architecture. At U.W. and B.U. the programs are in the Faculties of Arts and Science. (Note: The programs are not similar).
4. First degree awarded in Dentistry is a general degree covering all subjects. Post-graduate degrees are available with specialty in the Departments or subjects indicated.
5. The University of Winnipeg and the University of Manitoba have a co-operative four-year program in education in which the final year is taken at U.M or CUSB. Students obtain their degree from the institution at which they take the majority of this work.
6. CUSB's Faculty of Education offers teacher-training programs in the French language leading to the appropriate academic qualifications being granted by the University of Manitoba.
7. First degree of Doctor of Medicine is general covering all subjects. B.Sc. (Med.) may also be awarded in departments or subjects so indicated. Graduate degrees are awarded in departments indicated.
8. Brandon University grants a Bachelor of General Studies degree (B.G.S.) which is an unstructured program (students can select from all course offerings).
9. University of Winnipeg offers a major in Music in the B.A. program through its affiliation with the Mennonite Brethren College of Arts, where the Music courses are taught.
10. St. John's College has the constitutional authority to prepare candidates for the ordained ministry of the Anglican Church. This normally involves a three year program, leading to a Master of Divinity degree.
11. Major in Music is for B.Ed. students in Faculty of Education, minor is for any student not in the School of Music, whose faculty/school allows a minor program.

12. Masters Programs in History, Religion and Public Administration are Joint Masters Programs between the Universities of Manitoba and Winnipeg.
13. Available as an honours degree in Applied Mathematics or as a joint honors program with Statistics.
14. Three year General and four year Major programs are available in these subject areas at the University of Manitoba.
15. Offered as a joint 4 year major or a Joint Honors program.
16. Three year General and four year Major programs are available in these subject areas at the University of Winnipeg.
17. The minor is offered to students whose faculty/school allows a minor program.
18. This Inter-disciplinary Ph.D. program is offered through Foods & Nutrition (Human Ecology), Animal Science, Food Science and Plant Science (Agriculture).
19. Joint program with Department of Mathematics.
20. Biological Sciences Division offers a Master's program in Physical Biology.
21. A cooperative option is available within the Honours programs.
22. Including the Education/Human Ecology, U of M/RRCC integrated programs.
23. Including 1-year program for those already holding a recognized diploma.
24. Modified 2-year program available for registered nurses.
25. Ph.D. program offered in conjunction with the Department of Chemistry.
26. At the University of Manitoba minors in the Faculty of Science offered for Faculty of Arts students only. Faculty of Science students may choose a three year general program which does not specify a major department.
27. Available as an honours degree in Mathematics or as a joint honours program with Physics, Statistics, or Actuarial and Management Sciences.
28. Modified two year post-diploma degree program for registered nurses leads to the degree of B.Sc.(Nursing) or the degree of B.Sc.(Mental Health) for registered Psychiatric Nurses.

INSTITUTES, INTERDISCIPLINARY RESEARCH UNITS, AND OTHER ACADEMIC UNITS.

UNIVERSITY OF MANITOBA

1. Centre on Aging
2. Centre for Accounting Research and Education
3. Centre on International Business Studies
4. Centre for Research in Higher Education Management
5. Centre for Ukrainian Canadian Studies
6. Committee on Human Development
7. Computer Centre
8. Festhersonhaugh High Voltage Laboratory
9. Glenlea Experimental Station
10. Institute for Applied and Professional Ethics.
11. Institute of Cell Biology
12. Institute for Technological Development
13. Jesuit Centre for Faith Development and Values (St. Paul's College)
14. Legal Research Institute
15. Manitoba Nursing Research Institute
16. Medieval and Renaissance Guild
17. Natural Resources Institute
18. Northern Medical Unit
19. Northern Studies Committee
20. Psychological Service Centre
21. Road Safety Research Unit
22. Solomon Sinclair Farm Management Institute
23. Sports and Exercise Science Research Institute
24. Star Lake Field Station
25. Taiga Biological Station
26. Transport Institute
27. University of Manitoba Accelerator Centre
28. University Field Station (Delta Marsh)
29. Wallace Lake Field Station

UNIVERSITY OF WINNIPEG

1. Institute of Urban Studies.
2. Interfaith Pastoral Institute.
3. Rupert's Land Research Centre.
4. Mennonite Studies Centre.
5. Manitoba Multicultural Resources Centre.
6. Western Canada Pictorial Index.
7. Child Studies Centre.

COLLÈGE UNIVERSITAIRE DE SAINT-BONIFACE

1. Centre de recherche
2. Centre d'études franco-canadiennes de l'Ouest
3. Institut Joseph-Dubuc
4. Centre de rédaction
5. École technique et professionnelle

BRANDON UNIVERSITY

1. Rural Development Institute

APPENDIX "B"

Inter-Universities North Program, 1990-91

APPENDIX "B"

INTER-UNIVERSITIES NORTH

Department	Title	Course Number	Sponsoring University
Churchill			
English	Representative Literary Works	4.120	Manitoba
Native Studies	Introduction to Native Studies I	68.151	Brandon
Flin Flon			
Education*	Theory and Practice of Standardized Testing	04.506	Brandon
Garden Hill			
Native Studies	Introduction to Native Studies I	68.151	Brandon
Mathematics & Computer Science	Introduction to Computer Based Systems	32.1803-5	Winnipeg
Gillam			
Mathematics & Computer Science	Introduction to Computer Based Systems	32.1803-5	Winnipeg
Grand Rapids			
Mathematics & Computer Science	Introduction to Computer Based Systems	32.1803-5	Winnipeg
Leaf Rapids			
History	The World; 1945-1968	11.216	Manitoba
History	The World; 1968-Present	11.217	Manitoba
Norway House			
English	Canadian Literature	30.162	Brandon
Oxford House			
Mathematics & Computer Science	Contemporary Mathematics	62.152	Brandon
	Basic Mathematics	62.090	Brandon
Red Sucker Lake			
Mathematics & Computer Science	Introduction to Computer Based Systems	32.182-5	Winnipeg
Split Lake			
Mathematics & Computer Science	Introduction to Computer Based Systems	32.182-5	Winnipeg
St. Theresa Point			
Mathematics & Computer Science	Introduction to Computer Based Systems	32.182-5	Winnipeg
Native Studies	Introduction to Native Studies I	68.151	Brandon
Sundance			
Education	Social Foundations of Education	116.101	Manitoba
	School Organization	116.301	Manitoba

APPENDIX "B"

INTER-UNIVERSITIES NORTH

Department	Title	Course Number	Sponsoring University
The Pas			
Education	Introduction to Guidance and Counselling	04.300	Brandon
Education	Diagnosis and Programming in Special Education	43.536	Manitoba
The Pas (Northern Bachelor of Nursing Program)			
Statistics	Statistical Analysis	5.220	Manitoba
Microbiology	Essentials of Microbiology	60.122	Manitoba
Native Studies	Native Medicine and Health	32.324	Manitoba
Zoology	Structure and Physiology of the Human Body	22.123	Manitoba
Thompson			
Economics	Community Economic Development	18.235	Manitoba
Education	Psychology of Exceptional Children	43.518	Manitoba
Linguistics	Introduction to Linguistics	126.120	Manitoba
Mathematics & Computer Science	Introduction to Computer Based Systems	32.1803-5	Winnipeg
Native Studies	Natives and Justice System	68.281	Brandon
Native Studies*	Introduction to Native Studies I	68.151	Brandon
Native Studies*	Introduction to Native Studies II	68.152	Brandon
Non-Departmental	Introduction to Financial Accounting	99.155	Brandon
Psychology*	Child Psychology	17.229	Manitoba
Religion	World Religions A	86.160	Brandon
Women's Studies*	Women's Studies II	99.204	Manitoba
Thompson (Faculty of Social Work Thompson)			
Psychology	Abnormal Psychology	17.346	Manitoba
Sociology	Introduction to Sociology	50.1101-1	Winnipeg

*Courses offered in Intersession

APPENDIX "B"

INTER-UNIVERSITIES NORTH

Department	Title	Course Number	Sponsoring University
1990-91 FYDE PROGRAM			
Dauphin			
Biology	General Biology	05.1111-1	Winnipeg
Flin Flon / Cranberry Portage			
Mathematics & Computer Science	Computer Science I	62.160	Brandon
Russell			
Mathematics & Computer Science	Computer Science II	52.161	Brandon
The Pas			
Economics	Principles of Economics	18.120	Manitoba
Thompson			
English	Representative Literary Works	4.120	Manitoba
History	An Introduction to History	29.1010-1	Winnipeg
Mathematics	Introduction to Calculus I	13.139	Manitoba
Mathematics	Linear Algebra	13.146	Manitoba
Philosophy	Introduction to Philosophy	15.120	Manitoba
Psychology	Introduction to Psychology	17.120	Manitoba
Sociology	Introduction to Sociology	77.120	Manitoba

APPENDIX "C"

Enrolment Statistics

APPENDIX "C"

TABLE I

Full-Time Undergraduate Enrolment by Faculty

	1986-87	1987-88	1988-89	1989-90	1990-91
University of Manitoba					
Agriculture	559	531	500	496	494
Architecture	357	312	293	311	317
Art, School of	197	228	221	206	192
Arts	3,225	3,700	4,110	4,194	4,123
Dental Hygiene	40	38	39	29	32
Dentistry	117	112	107	104	101
Education	1,193	1,260	1,252	1,283	1,337
Engineering	1,138	1,029	1,062	1,052	1,067
Human Ecology	503	495	512	475	438
Law	255	247	249	263	262
Management	1,247	887	842	924	941
Medical Rehabilitation	136	148	140	142	159
Medicine	374	351	348	350	348
Music	69	72	67	60	74
Nursing	235	237	238	241	195
Pharmacy	109	103	107	121	120
Phys.Ed./Rec.St.	271	261	270	269	284
Science	2,237	2,085	2,037	2,035	1,989
Social Work	230	240	235	223	217
Other	2	13	5	6	5
Sub-Total	12,494	12,349	12,634	12,784	12,695
University of Winnipeg					
Arts	1,915	1,904	1,745	1,627	1,746
Science	694	674	617	514	530
Education	365	348	336	280	274
Other	20	27	22	16	9
Sub-Total	2,994	2,953	2,720	2,437	2,559
Brandon University					
Arts	388	346	353	371	386
Education	331	345	454	509	621
General Studies	109	90	88	103	109
Music	123	106	84	97	94
Science	347	300	291	294	304
Other	0	0	0	0	0
Sub-Total	1,298	1,187	1,270	1,374	1,514
Collège universitaire de Saint-Boniface					
Arts	100	130	142	164	193
Education	236	236	221	210	207
Science	36	44	45	50	64
Other	0	0	0	0	0
Sub-Total	372	410	408	424	464
TOTAL	**17,158**	**16,899**	**17,032**	**17,019**	**17,232**

APPENDIX "C"

TABLE II

Full-Time Graduate Enrolment by Faculty and Degree Level

	1986-87		1987-88		1988-89		1989-90		1990-91	
	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]	Masters[a]	Ph.D.[b]
University of Manitoba										
Agriculture	139	55	144	44	130	40	131	34	106	45
Architecture	178	–	191	–	211	–	231	–	222	–
Arts	298	169	276	160	269	167	300	157	287	127
Dentistry	17	1	15	1	13	1	15	2	12	3
Education	153	4	157	3	72	1	75	3	46	1
Engineering	133	86	131	78	111	82	113	90	132	93
Human Ecology	48	–	49	–	47	–	45	–	30	–
Law	1	–	2	–	2	–	2	–	2	–
Management	109	–	108	–	97	–	115	–	119	–
Medical Rehab.	–	–	–	–	–	–	1	–	1	–
Medicine	61	63	64	61	76	59	73	74	69	71
Natural Resources	44	–	42	–	36	–	41	–	46	–
Nursing	16	–	25	–	30	–	27	–	33	–
Pharmacy	5	–	4	–	3	–	2	–	3	–
Physical Education	15	–	11	–	19	–	19	–	23	–
Science	221	94	180	82	154	92	144	104	129	90
Social Work	19	–	23	–	26	–	22	–	24	–
Other	9	22	10	26	10	28	8	37	3	32
Joint Programs[c]	86	–	76	–	72	–	75	–	73	–
	1,552	494	1,508	455	1,378	470	1,364	501	1,360	462
Brandon University										
Education	–	–	–	–	–	–	–	–	0	–
Music	1	–	0	–	0	–	0	–	1	–
	1	–	0	–	0	–	0	–	1	–
Collège universitaire de Saint - Boniface										
Education	1	–	2	–	1	–	1	–	2	–
TOTAL	2,048		1,965		1,849		1,866		1,825	

a. Masters includes: Pre-Masters, Occasional and Graduate Diploma Students.
b. Dashes indicate Faculties where no Masters or Ph.D. program is offered.
c. Students registered in four joint masters programs offered by the University of Manitoba and the University of Winnipeg. Three of these programs were begun in September, 1976. The other was begun in September, 1978.

APPENDIX "C"

TABLE III

Part-Time Enrolment by Faculty
(Does Not Include Summer Sessions)

	1986-87	1987-88	1988-89	1989-90	1990-91
University of Manitoba					
Agriculture	190	178	177	164	159
Architecture	140	138	117	105	94
Art, School of	157	142	149	143	152
Arts	3,762	3,345	3,410	3,747	3,851
Dental Hygiene	12	13	12	22	19
Dentistry	4	4	4	3	2
Education	1,447	1,519	1,506	1,505	1,597
Engineering	153	179	130	181	209
Human Ecology	177	178	159	189	156
Law	7	6	11	12	10
Management	349	346	400	381	483
Medical Rehabilitation	12	21	17	13	25
Medicine	45	39	31	54	52
Music	32	23	28	23	23
Nursing	239	281	340	400	410
Pharmacy	44	42	36	29	32
Phys.Ed./Rec.St.	143	167	140	151	146
Science	694	647	604	693	739
Social Work	240	213	188	212	233
Other	236	633	722	712	654
Sub-Total	8,083	8,114	8,181	8,739	8,996
University of Winnipeg					
Arts	3,469	3,534	3,492	3,694	3,728
Science	478	483	523	533	658
Education	260	255	290	262	228
Other	247	227	199	212	107
Sub-Total	4,454	4,499	4,504	4,701	4,721
Joint Masters Programs					
Sub-Total	52	53	52	52	52
Brandon University					
Arts	461	480	512	530	636
Education	344	405	433	414	536
General Studies	233	242	316	326	431
Music	43	35	33	35	42
Science	439	420	377	423	468
Other	0	0	0	0	0
Sub-Total	1,520	1,582	1,671	1,728	2,013
Collège universitaire de Saint-Boniface					
Arts	82	84	78	87	92
Education	140	122	126	131	136
Science	7	13	7	13	10
Other	5	10	50	35	55
Sub-Total	234	229	261	266	293
TOTAL	**14,343**	**14,477**	**14,669**	**15,486**	**16,075**

APPENDIX "C"

TABLE IV

Regular Session Enrolment by Faculty and Sex* **1990-91**

	Full-Time			Part-Time		
	Male	Female	Total	Male	Female	Total
University of Manitoba						
Agriculture	439	206	645	117	42	159
Architecture	294	245	539	42	52	94
Art, School of	92	100	192	45	107	152
Arts	2,201	2,336	4,537	1,787	2,064	3,851
Dental Hygiene	0	32	32	1	18	19
Dentistry	80	36	116	0	2	2
Education	358	1,026	1,384	407	1,190	1,597
Engineering	1,145	147	1,292	186	23	209
Human Ecology	32	436	468	11	145	156
Law	145	119	264	2	8	10
Management	655	405	1,060	265	168	433
Medical Rehabilitation	26	134	160	2	23	25
Medicine	300	188	488	13	39	52
Music	31	43	74	13	10	23
Nursing	12	216	228	22	388	410
Pharmacy	65	58	123	11	21	32
Phys.Ed./Rec.St.	135	172	307	74	72	146
Science	1,354	854	2,208	481	258	739
Social Work	51	190	241	49	184	233
Other	58	28	86	284	370	654
Sub-Total	7,473	6,971	14,444	3,812	5,184	8,996
University of Winnipeg						
Arts	815	931	1,746	1,387	2,341	3,728
Science	319	211	530	364	294	658
Education	66	208	274	54	174	228
Other	4	5	9	42	65	107
Sub-Total	1,204	1,355	2,559	1,847	2,874	4,721
Brandon University						
Arts	159	227	386	253	383	636
Science	145	159	304	163	305	468
Education	192	429	621	154	382	536
Music	32	63	95	16	26	42
General Studies	62	47	109	119	212	331
Sub-Total	590	925	1,515	705	1,308	2,013
Collège universitaire de Saint-Boniface						
Arts	71	123	194	32	60	92
Science	28	36	64	3	7	10
Education	52	156	208	40	96	136
Other	--	--	--	16	39	55
Sub-Total	151	315	466	91	202	293
TOTAL	**9,418**	**9,566**	**18,984**	**6,455**	**9,568**	**16,023**

* Does not include Joint Masters students.

APPENDIX "C"

TABLE V

Regular Session Undergraduate Enrolment by Faculty and Sex* **1990-91**

	Full-Time			Part-Time		
	Male	Female	Total	Male	Female	Total
University of Manitoba						
Agriculture	340	154	494	94	34	128
Architecture	127	190	317	37	49	86
Art, School of	92	100	192	45	107	152
Arts	1,983	2,140	4,123	1,744	2,028	3,772
Dental Hygiene	0	32	32	1	18	19
Dentistry	70	31	101	0	0	0
Education	339	998	1,337	267	889	1,156
Engineering	949	118	1,067	141	20	161
Human Ecology	29	409	438	11	134	145
Law	143	119	262	2	8	10
Management	574	367	941	177	127	304
Medical Rehabilitation	26	133	159	2	18	20
Medicine	214	134	348	0	0	0
Music	31	43	74	13	10	23
Nursing	11	184	195	21	351	372
Pharmacy	63	57	120	11	21	32
Phys.Ed./Rec.St.	120	164	284	74	68	142
Science	1,186	803	1,989	461	251	712
Social Work	45	172	217	27	103	130
Other	5	0	5	269	359	628
Sub-Total	6,347	6,348	12,695	3,397	4,595	7,992
University of Winnipeg						
Arts	815	931	1,746	1,387	2,341	3,728
Science	319	211	530	364	294	658
Education	66	208	274	54	174	228
Other	4	5	9	35	62	97
Sub-Total	1,204	1,355	2,559	1,840	2,871	4,711
Brandon University						
Arts	159	227	386	253	383	636
Science	145	159	304	163	305	468
Education	192	429	621	147	371	518
Music	31	63	94	13	22	35
General Studies	62	47	109	119	212	331
Sub-Total	589	925	1,514	695	1,293	1,988
Collège universitaire de Saint-Boniface						
Arts	71	122	193	32	60	92
Science	28	36	64	3	7	10
Education	52	155	207	9	39	48
Other	0	0	0	16	39	55
Sub-Total	151	313	464	60	145	205
TOTAL	**8,291**	**8,941**	**17,232**	**5,992**	**8,904**	**14,896**

* Does not include Joint Masters students.

APPENDIX "C"

TABLE VI

Regular Session Graduate Enrolment by Faculty and Sex* 1990-91

	Full-Time			Part-Time		
	Male	Female	Total	Male	Female	Total
University of Manitoba						
Agriculture	99	52	151	23	8	31
Architecture	167	55	222	5	3	8
Art, School of	0	0	0	0	0	0
Arts	218	196	414	43	36	79
Dental Hygiene	0	0	0	0	0	0
Dentistry	10	5	15	0	2	2
Education	19	28	47	140	301	441
Engineering	196	29	225	45	3	48
Human Ecology	3	27	30	0	11	11
Law	2	0	2	0	0	0
Management	81	38	119	88	41	129
Medical Rehabilitation	0	1	1	0	5	5
Medicine	86	54	140	13	39	52
Music	0	0	0	0	0	0
Nursing	1	32	33	1	37	38
Pharmacy	2	1	3	0	0	0
Phys.Ed./Rec.St.	15	8	23	0	4	4
Science	168	51	219	20	7	27
Social Work	6	18	24	22	81	103
Other	53	28	81	15	11	26
Sub-Total	1,126	623	1,749	415	589	1,004
University of Winnipeg						
Arts	0	0	0	0	0	0
Science	0	0	0	0	0	0
Education	0	0	0	0	0	0
Other	0	0	0	7	3	10
Sub-Total	0	0	0	7	3	10
Brandon University						
Arts	0	0	0	0	0	0
Science	0	0	0	0	0	0
Education	0	0	0	7	11	18
Music	1	0	1	3	4	7
General Studies	0	0	0	0	0	0
Sub-Total	1	0	1	10	15	25
Collège universitaire de Saint-Boniface						
Arts	0	1	1	0	0	0
Science	0	0	0	0	0	0
Education	0	1	1	31	57	88
Other	0	0	0	0	0	0
Sub-Total	0	2	2	31	57	88
TOTAL	1,127	625	1,752	463	664	1,127

* Does not include Joint Masters students.

APPENDIX "C"

TABLE VII

Origins of Full-Time Canadian Students — 1989-90

	B.C.	Alta.	Sask.	Ont.	P.Q.	N.B.	P.E.I.	N.S.	Nfld.	Territories	Other	Total
University of Manitoba												
Agriculture	0	1	3	6	0	0	0	0	0	1	1	12
Architecture	16	38	39	25	1	0	0	0	0	0	0	119
Art, School of	0	1	1	16	0	0	0	0	0	1	1	20
Arts	26	28	51	189	5	6	1	7	3	7	13	336
Dental Hygiene	0	0	0	1	0	0	0	0	0	1	0	2
Dentistry	1	0	1	15	2	0	0	1	0	0	1	21
Education	7	6	16	67	0	0	1	0	0	1	0	98
Engineering	5	4	10	27	0	0	0	0	0	0	1	47
Graduate Studies	27	42	37	86	13	4	2	12	1	1	10	235
Human Ecology	4	4	7	19	0	0	0	0	0	0	1	35
Law	2	4	2	18	6	0	0	0	0	0	1	33
Management	1	3	7	28	2	0	0	0	0	1	0	42
Medical Rehab.	1	3	9	8	0	1	0	1	0	1	1	25
Medicine	1	0	0	9	0	1	0	0	0	0	3	14
Music	0	0	4	2	0	0	0	0	0	0	0	6
Nursing	3	1	2	10	1	0	0	0	0	0	0	17
Pharmacy	1	4	0	15	1	0	0	0	0	0	0	21
Phys.Ed./Rec.St.	1	7	3	13	0	0	0	0	0	0	1	25
Science	9	7	19	75	3	0	0	1	2	3	2	121
Social Work	1	5	4	2	0	0	0	0	0	1	0	13
Other	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	106	158	215	631	34	12	4	22	6	18	36	1,242
University of Winnipeg*												
Arts												
Science												
Education												
Other												
Sub-Total	14	16	13	38	1	1	1	1	2	0	0	87
Brandon University												
Arts	2	3	20	6	0	0	0	1	0	0	0	32
Education	0	1	41	49	1	0	0	1	0	0	0	93
General Studies	2	0	7	2	0	0	0	0	0	0	0	11
Music	3	0	16	1	0	0	0	0	0	0	0	20
Science	3	1	14	4	2	0	0	0	0	0	0	24
Sub-Total	10	5	98	62	3	0	0	2	0	0	0	180
Collège universitaire de Saint-Boniface												
Arts	0	1	6	1	3	0	0	0	0	0	1	12
Education	0	1	4	1	13	0	0	0	0	0	0	19
Science	0	0	1	0	1	0	0	0	0	0	0	2
Sub-Total	0	2	11	2	17	0	0	0	0	0	1	33
TOTAL	130	181	337	733	55	13	5	25	8	18	37	1,542

* Faculty breakdown unavailable.

APPENDIX "C"

TABLE VIII

Origins of Full-Time Canadian Students **1990-91**

	B.C.	Alta.	Sask.	Ont.	P.Q.	N.B.	P.E.I.	N.S.	Nfld.	Territories	Other	Total
University of Manitoba												
Agriculture	0	3	4	3	1	0	0	0	0	1	0	12
Architecture	14	45	43	30	0	0	0	2	0	0	0	134
Art, School of	0	2	1	8	0	0	0	0	0	0	0	11
Arts	28	24	56	191	6	4	0	5	2	2	0	318
Dental Hygiene	0	0	1	1	0	0	0	0	0	0	0	2
Dentistry	1	0	0	13	3	0	1	1	0	1	0	20
Education	6	8	15	82	0	1	0	0	0	0	1	113
Engineering	5	3	8	27	1	0	0	0	0	0	1	45
Graduate Studies	23	39	45	75	15	7	0	9	1	1	1	216
Human Ecology	1	1	7	15	0	0	0	0	0	0	0	24
Law	7	6	2	30	4	0	0	1	1	0	0	51
Management	2	2	9	34	2	0	0	0	0	0	0	49
Medical Rehab.	1	2	7	5	0	1	0	1	1	0	0	18
Medicine	0	0	0	10	0	1	0	0	0	0	1	12
Music	0	0	2	3	0	0	0	0	0	0	0	5
Nursing	3	2	0	6	1	0	0	0	0	0	0	12
Pharmacy	1	2	1	13	1	1	0	0	0	0	0	19
Phys.Ed./Rec.St.	3	8	2	19	0	0	0	0	0	0	0	32
Science	10	9	20	63	0	1	0	0	1	2	0	106
Social Work	0	1	1	1	0	0	0	0	0	0	0	3
Other	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	105	157	224	629	34	16	1	19	6	7	4	1,202
University of Winnipeg*												
Arts												
Science												
Education												
Other												
Sub-Total	7	12	6	30	2	0	1	0	1	0	1	60
Brandon University												
Arts	0	1	13	5	0	0	0	1	0	1	0	21
Education	3	2	57	56	0	0	0	0	0	1	0	119
General Studies	1	1	6	0	0	0	0	0	0	0	0	8
Music	2	3	9	3	0	0	0	0	0	0	0	17
Science	2	4	15	4	0	0	0	0	0	1	0	26
Sub-Total	8	11	100	68	0	0	0	1	0	3	0	191
Collège universitaire de Saint-Boniface												
Arts	0	2	6	0	4	1	0	0	0	0	0	13
Education	1	0	3	1	9	0	0	0	0	1	0	15
Science	0	0	1	0	2	0	0	0	0	0	0	3
Sub-Total	1	2	10	1	15	1	0	0	0	1	0	31
TOTAL	121	182	340	728	51	17	2	20	7	11	5	1,484

* Faculty breakdown unavailable.

APPENDIX "C"

TABLE IX

Origins of Full-Time Foreign Students* **1989-90**

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	1	2	1	17	13	9	8	0	0	0	51
Architecture	4	2	2	4	1	7	4	1	0	0	25
Art, School of	2	1	0	0	4	0	0	0	0	0	8
Arts	31	25	21	33	8	74	32	0	1	3	228
Dental Hygiene	0	0	0	0	0	0	0	0	0	0	0
Dentistry	1	0	1	1	0	1	0	1	0	1	6
Education	4	4	8	6	0	4	5	1	0	4	36
Engineering	3	11	4	18	11	58	48	6	0	1	160
Graduate Studies	34	19	14	60	84	62	280	17	4	1	575
Human Ecology	3	3	3	9	0	14	6	0	0	0	38
Law	2	0	2	0	0	0	0	0	0	0	4
Management	5	3	2	9	0	48	12	0	0	0	79
Medical Rehab.	2	0	1	1	0	0	0	0	0	0	4
Medicine	7	0	0	3	0	1	1	2	2	16	32
Music	0	0	0	1	0	1	1	0	0	0	3
Nursing	1	2	1	0	1	3	3	0	0	0	11
Pharmacy	2	0	0	1	1	1	7	0	0	0	12
Phys.Ed./Rec.St.	2	0	2	1	0	1	1	0	0	0	7
Science	15	16	8	13	6	136	63	3	1	1	262
Social Work	1	6	2	2	0	1	5	0	0	0	17
Other	1	0	1	0	0	0	0	0	0	0	2
Sub-Total	121	94	73	180	125	425	476	31	8	27	1,560
University of Winnipeg**											
Arts											
Science											
Education											
Sub-Total	9	27	9	28	42	185	92	4	1	27	424
Brandon University											
Arts	0	0	2	1	4	3	9	0	0	0	19
Education	0	0	2	5	5	0	0	0	0	2	14
General Studies	0	0	0	0	0	0	2	0	0	0	2
Music	0	0	0	0	0	0	1	0	0	0	1
Science	0	0	2	1	12	3	13	0	0	1	32
Sub-Total	0	0	6	7	21	6	25	0	0	3	68
Collège universitaire de Saint-Boniface											
Arts	0	0	1	2	2	0	0	0	0	0	5
Education	0	0	0	9	2	0	1	0	0	0	12
Science	0	0	0	0	1	0	1	0	0	0	2
Sub-Total	0	0	1	11	5	0	2	0	0	0	19
TOTAL	**130**	**121**	**89**	**226**	**193**	**616**	**595**	**35**	**9**	**57**	**2,071**

* Includes students who are permanent residents and those on student visas.

** Faculty breakdown unavailable.

APPENDIX "C"

TABLE X

Origins of Full-Time Foreign Students* **1990-91**

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	3	1	2	16	13	11	5	0	0	1	52
Architecture	1	1	5	3	0	8	3	0	1	0	22
Art, School of	2	1	1	1	2	2	1	0	0	0	10
Arts	25	24	25	25	5	65	35	1	3	1	209
Dental Hygiene	2	0	0	2	0	0	0	0	0	0	4
Dentistry	0	0	2	1	0	1	0	1	0	0	5
Education	9	5	6	12	2	4	2	0	0	0	40
Engineering	4	12	4	12	9	57	55	3	0	0	156
Graduate Studies	36	19	16	48	81	59	305	18	4	3	589
Human Ecology	3	2	2	5	1	22	6	0	1	0	42
Law	0	0	1	1	2	0	0	0	0	0	4
Management	6	6	3	8	2	41	15	0	0	0	81
Medical Rehab.	1	2	2	2	0	2	0	0	0	0	9
Medicine	4	0	1	6	1	3	1	2	0	5	23
Music	0	0	0	0	0	1	3	0	0	0	4
Nursing	0	2	1	0	1	3	0	1	0	0	8
Pharmacy	1	0	0	1	1	2	7	0	0	0	12
Phys.Ed./Rec.St.	1	0	2	1	0	2	0	0	0	0	6
Science	7	15	9	15	11	135	70	8	2	0	272
Social Work	3	5	0	4	0	1	4	0	0	0	17
Other	0	0	0	0	1	0	0	0	0	0	1
Sub total	108	95	82	163	132	419	512	34	11	66	1,566
University of Winnipeg**											
Arts											
Science											
Education											
Sub Total	18	23	11	26	26	198	64	7	0	66	439
Brandon University											
Arts	0	0	3	4	1	4	6	0	0	3	21
Education	3	1	2	0	2	0	0	0	0	2	10
General Studies	3	0	0	0	0	0	1	0	0	0	4
Music	0	0	0	0	0	0	2	0	0	0	2
Science	1	0	1	4	5	2	13	0	0	1	27
Sub total	7	1	6	8	8	6	22	0	0	6	64
Collège universitaire de Saint-Boniface											
Arts	0	0	1	2	4	0	0	0	0	0	7
Education	0	0	0	5	4	0	0	0	0	0	9
Science	0	0	0	2	3	0	0	0	0	0	5
Sub Total	0	0	1	9	11	0	0	0	0	0	21
TOTAL	133	119	100	206	177	623	598	41	11	82	2,090

* Includes students who are permanent residents and those on student visas.

** Faculty breakdown unavailable.

APPENDIX "C"

TABLE XI

Origins of Full-Time Visa Students — 1989-90

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	0	1	0	0	11	8	8	0	0	0	28
Architecture	0	1	0	1	1	7	3	0	0	0	13
Art, School of	0	0	0	1	0	3	0	0	0	0	4
Arts	3	10	0	4	3	70	22	0	0	3	115
Dental Hygiene	0	0	0	0	0	0	0	0	0	0	0
Dentistry	0	0	1	1	0	0	0	0	0	1	3
Education	1	1	0	0	0	2	4	0	0	4	12
Engineering	0	3	0	3	3	48	28	0	0	1	86
Graduate Studies	8	17	4	23	70	54	260	11	4	1	452
Human Ecology	1	3	0	1	0	12	4	0	0	0	21
Law	0	0	1	0	0	0	0	0	0	0	1
Management	0	2	0	4	0	37	10	0	0	0	53
Medical Rehab.	0	0	0	0	0	0	0	0	0	0	0
Medicine	4	0	0	2	0	0	0	2	2	16	26
Music	0	0	0	1	0	1	1	0	0	0	3
Nursing	0	1	0	0	0	3	2	0	0	0	6
Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Phys.Ed./Rec.St.	0	0	0	1	0	1	1	0	0	0	3
Science	1	10	1	3	2	123	48	0	0	0	188
Social Work	0	1	0	0	0	1	0	0	0	0	2
Other	0	0	0	0	0	0	0	0	0	0	0
Sub-Total	18	50	7	45	90	370	391	13	6	26	1,016
University of Winnipeg*											
Arts											
Science											
Education											
Other											
Sub-Total	0	15	2	8	33	174	78	1	1	16	328
Brandon University											
Arts	0	0	1	1	3	3	9	0	0	0	17
Education	0	0	1	3	5	0	0	0	0	2	11
General Studies	0	0	0	0	0	0	1	0	0	0	1
Music	0	0	0	0	0	0	1	0	0	0	1
Science	0	0	2	1	11	3	12	0	0	1	30
Sub-Total	0	0	4	5	19	6	23	0	0	3	60
Collège universitaire de Saint-Boniface											
Arts	0	0	0	2	2	0	0	0	0	0	4
Education	0	0	0	3	0	0	1	0	0	0	4
Science	0	0	0	0	1	0	0	0	0	0	1
Sub-Total	0	0	0	5	3	0	1	0	0	0	9
TOTAL	18	65	13	63	145	550	493	14	7	45	1,413

* Faculty breakdown unavailable.

APPENDIX "C"

TABLE XII

Origins of Full-Time Visa Students 1990-91

	U.S.A.	Other Americas	U.K. & Eire	Other Europe	Africa	Hong Kong	Other Asia	Middle East	Oceania	Other	Total
University of Manitoba											
Agriculture	1	0	0	0	12	10	4	0	0	1	28
Architecture	0	1	0	1	0	4	2	0	1	0	9
Art, School of	0	1	0	1	1	2	1	0	0	0	6
Arts	6	7	1	6	3	58	25	1	2	1	110
Dental Hygiene	0	0	0	0	0	0	0	0	0	0	0
Dentistry	0	0	1	0	0	0	0	0	0	0	1
Education	1	1	0	1	1	2	1	0	0	0	7
Engineering	0	3	0	2	2	50	31	0	0	0	88
Graduate Studies	11	16	2	21	69	51	239	13	4	2	428
Human Ecology	0	2	0	0	1	21	6	0	1	0	31
Law	0	0	1	0	0	0	0	0	0	0	1
Management	1	3	0	4	1	38	10	0	0	0	57
Medical Rehab.	0	2	0	0	0	0	0	0	0	0	2
Medicine	1	0	0	4	0	1	1	2	0	5	14
Music	0	0	0	0	0	1	3	0	0	0	4
Nursing	0	1	0	0	0	3	0	0	0	0	4
Pharmacy	0	0	0	0	0	0	0	0	0	0	0
Phys.Ed./Rec.St.	0	0	1	1	0	2	0	0	0	0	4
Science	0	7	1	4	3	120	46	2	0	0	183
Social Work	0	0	0	0	0	1	0	0	0	0	1
Other	0	0	0	0	1	0	0	0	0	0	1
Sub total	21	44	7	45	94	364	369	18	8	9	979
University of Winnipeg*											
Arts											
Science											
Education											
Other											
Sub-Total	6	8	0	8	12	185	51	2	0	21	293
Brandon University											
Arts	0	0	3	3	1	3	6	0	0	2	18
Education	2	1	1	0	1	0	0	0	0	2	7
General Studies	3	0	0	0	0	0	1	0	0	0	4
Music	0	0	0	0	0	0	2	0	0	0	2
Science	1	0	1	2	5	2	12	0	0	1	24
Other	0	0	0	0	0	0	0	0	0	0	0
Sub total	6	1	5	5	7	5	21	0	0	5	55
Collège universitaire de Saint-Boniface											
Arts	0	0	0	0	2	0	0	0	0	0	2
Education	0	0	0	2	1	0	0	0	0	0	3
Science	0	0	0	1	3	0	0	0	0	0	4
Sub Total	0	0	0	3	6	0	0	0	0	0	9
TOTAL	**33**	**53**	**12**	**61**	**119**	**554**	**441**	**20**	**8**	**35**	**1,336**

* Faculty breakdown unavailable.

APPENDIX "C"

TABLE XIII

Regular Session Foreign Student Enrolment by Faculty 1990-91

	Visa Students			Permanent Residents		
	F.T.	P.T.	Total	F.T.	P.T.	Total
University of Manitoba						
Agriculture	28	13	41	24	6	30
Architecture	9	1	10	13	4	17
Art, School of	6	1	7	4	7	11
Arts	110	48	158	99	106	205
Dental Hygiene	0	0	0	4	1	5
Dentistry	1	0	1	4	0	04
Education	7	2	9	33	45	78
Engineering	88	9	97	68	10	78
Graduate Studies	428	13	441	161	69	230
Human Ecology	31	5	36	11	6	17
Law	1	0	1	3	0	3
Management	57	18	75	24	14	38
Medical Rehabilitation	2	1	3	7	3	10
Medicine	14	0	14	9	1	10
Music	4	0	4	0	1	1
Nursing	4	4	8	4	8	12
Pharmacy	0	0	0	12	0	12
Phys.Ed./Rec.St.	4	4	8	2	5	7
Science	183	28	211	89	29	118
Social Work	1	0	1	16	5	21
Other	1	11	12	0	25	25
Sub-Total	979	158	1,137	587	345	932
University of Winnipeg*						
Arts						
Science						
Education						
Other						
Sub-Total	293	223	516	146	270	416
Brandon University						
Arts	18	14	32	3	4	7
Science	24	14	38	3	2	5
Education	7	9	16	3	3	6
Music	2	5	7	0	1	1
General Studies	4	9	13	0	2	2
Sub-Total	55	51	106	9	12	21
Collège universitaire de Saint-Boniface						
Arts	2	3	5	5	5	10
Science	4	0	4	1	0	1
Education	3	1	4	6	2	8
Other	0	1	1	0	3	3
Sub-Total	9	5	14	12	10	22
TOTAL	1,336	437	1,773	754	637	1,391

* Faculty breakdown unavailable.

APPENDIX "C"

TABLE XIV

Course/Section Size - Enrolments 1990-91[1]
(Does Not Include Tutorials and Laboratories)[2]

Faculty/ School/ Institute	Course/Section Size less than 10		Course/Section Size of 10 to 19		Course/Section Size of 20 to 49		Course/Section Size of 50 to 99		Course/Section Size of 100 or more		Total Crs./ Secns.
	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	
University of Manitoba											
Agriculture	53	34.6	33	21.6	44	28.8	20	13.1	3	2.0	153
Architecture	13	16.3	16	20.0	23	28.7	26	32.5	2	2.5	80
Art, School of	14	21.5	27	41.5	21	32.3	2	3.1	1	1.5	65
Arts	150	17.6	137	16.1	282	33.2	187	22.0	94	11.1	850
Dental Hygiene	0	0.0	0	0.0	16	100.0	0	0.0	0	0.0	16
Dentistry	0	0.0	0	0.0	57	100.0	0	0.0	0	0.0	57
Education	54	16.1	96	28.7	182	54.3	0	0.0	3	0.9	335
Engineering	26	15.6	22	13.2	54	32.3	51	30.5	14	8.4	167
Graduate Studies[3]	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1
Human Ecology	15	19.2	14	17.9	24	30.8	17	21.8	8	10.3	78
Law	6	7.4	21	25.9	49	60.5	5	6.2	0	0.0	81
Management	2	0.9	21	9.1	106	45.9	102	44.2	0	0.0	231
Medical Rehab.	2	5.1	2	5.1	30	76.9	5	12.8	0	0.0	39
Medicine[4]	2	40.0	1	20.0	2	40.0	0	0.0	0	0.0	5
Music	20	34.5	10	17.2	27	46.6	1	1.7	0	0.0	58
Nat. Res. Inst.	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1
Nursing	1	3.0	6	18.2	15	45.5	11	33.3	0	0.0	33
Pharmacy	1	4.8	0	0.0	11	52.4	9	42.9	0	0.0	21
Phys. Ed./Rec. St.	11	11.1	17	17.5	51	51.5	18	18.2	2	2.0	99
Science	106	23.1	65	14.2	86	18.7	97	21.1	105	22.9	459
Social Work	1	2.2	16	34.8	20	43.5	9	19.6	0	0.0	46
Univ. Total	478	16.6	505	17.6	1,100	38.3	560	19.5	232	8.1	2,875

1. This includes courses 040-699. Does not include Post-Graduate Medical Education Students. (Formerly known as Interns and Residents).
2. Except where they count as credit.
3. Graduate Interdepartmental Courses.
4. Service course only.

Percentages may not total to 100.0 due to rounding.

APPENDIX "C"

TABLE XIV

Course/Section Size - Enrolments 1989-90[1]
(Does Not Include Tutorials and Laboratories)[2]

Faculty/ School/ Institute	Course/Section Size less than 10		Course/Section Size of 10 to 19		Course/Section Size of 20 to 49		Course/Section Size of 50 to 99		Course/Section Size of 100 or more		Total
	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Number	% of Total # of Class/Sections	Crs./ Secns.
University of Winnipeg											
Arts & Science	120	14.3	190	22.6	354	42.2	159	19.0	16	1.9	839
Education	24	32.4	17	23.0	30	40.5	3	4.1	0	0.0	74
Univ. Total	144	15.8	207	22.7	384	42.1	162	17.7	16	1.8	913
Brandon University											
Arts	94	31.7	74	24.7	99	33.0	29	9.7	4	1.3	300
Science	108	39.3	51	18.5	61	22.2	32	11.6	23	8.4	275
Education	33	17.2	37	19.3	108	56.3	12	6.3	2	1.0	192
Music	107	58.8	30	16.5	44	24.2	1	0.5	0	0.0	182
Univ. Total	342	36.0	192	20.2	312	32.9	74	7.8	29	3.1	949
Collège Universitaire de Saint-Boniface											
Arts	39	40.2	26	26.8	27	27.8	4	4.1	1	1.0	97
Science	20	55.6	2	5.6	12	33.3	2	5.6	0	0.0	36
Education	51	47.7	28	26.2	27	25.2	1	0.9	0	0.0	107
College Total	110	45.5	56	27.9	66	24.0	7	2.6	1	0.0	240
Grand Total - All Institutions	1,074	21.6	960	19.3	1,862	37.4	803	16.1	278	5.6	4,977

APPENDIX "D"

Statistics on Degrees Granted

APPENDIX "D"

TABLE I

Graduates by Faculty — **1989-90**

	Bachelors	Masters	Ph.D.	M.D./ D.D.M.	Certificate /Diploma	Total
University of Manitoba*						
Agriculture	92	44	10	0	53	199
Architecture	92	32	0	0	0	124
Art, School of	70	0	0	0	3	73
Arts	863	74	22	0	2	961
Dental Hygiene	0	0	0	0	27	27
Dentistry	3	3	0	29	1	36
Education	503	103	1	0	0	607
Engineering	182	50	9	0	0	241
Human Ecology	124	12	0	0	0	136
Law	75	1	0	0	0	76
Management	269	52	0	0	13	334
Medical Rehab.	58	0	0	0	0	58
Medicine	27	15	14	93	0	149
Music	30	0	0	0	0	30
Natural Resource Inst.	0	15	0	0	0	15
Nursing	109	12	0	0	0	121
Pharmacy	39	1	0	0	0	40
Physical Ed. /Rec. St.	94	4	0	0	0	98
Public Affairs	0	16	0	0	0	16
Science	409	50	14	0	0	473
Social Work	102	18	0	0	0	120
Other	3	3	0	0	0	6
Sub-Total	3,144	505	70	122	99	3,940
University of Winnipeg						
Arts	664	3	0	0	0	667
Science	169	0	0	0	0	169
Education	144	0	0	0	0	144
Public Affairs	0	3	0	0	0	3
Other	0	3	0	0	0	3
Sub-Total	977	9	0	0	0	986
Brandon University						
Arts	98	0	0	0	0	98
Education	173	0	0	0	2	175
General Studies	62	0	0	0	0	62
Music	18	4	0	0	0	22
Science	83	0	0	0	0	83
Sub-Total	434	4	0	0	2	440
TOTAL	4,555	518	70	122	101	5,366

* Includes Collège universitaire de Saint-Boniface.

APPENDIX "D"

TABLE II

Graduates by Faculty — **1990-91**

	Bachelors	Masters	Ph.D.	M.D./ D.D.M.	Certificate / Diploma	Total
University of Manitoba*						
Agriculture	87	41	6	0	64	198
Architecture	89	51	0	0	3	143
Art, School of	56	0	0	0	3	59
Arts	997	73	19	0	3	1,092
Dental Hygiene	0	0	0	0	24	24
Dentistry	2	5	0	28	2	37
Education	469	92	0	0	122	683
Engineering	182	47	18	0	0	247
Human Ecology	144	18	0	0	0	162
Law	86	2	0	0	0	88
Management	298	54	0	0	23	375
Medical Rehab.	48	0	0	0	0	48
Medicine	37	11	13	85	0	146
Music	11	0	0	0	0	11
Natural Resource Inst.	0	12	0	0	0	12
Nursing	146	11	0	0	0	157
Pharmacy	41	0	0	0	0	41
Physical Ed. /Rec. St.	101	4	0	0	0	105
Science	360	45	16	0	0	421
Social Work	92	27	0	0	0	119
Other	0	13	1	0	0	14
Sub-Total	3,246	506	73	113	244	4,182
University of Winnipeg						
Arts	699	1	0	0	0	700
Science	143	0	0	0	0	143
Education	176	0	0	0	19	195
Public Affairs	0	5	0	0	0	5
Other	0	4	0	0	28	4
Sub-Total	1,018	10	0	0	47	1,075
Brandon University						
Arts	89	0	0	0	0	89
Education	213	0	0	0	8	221
General Studies	71	0	0	0	0	71
Music	24	1	0	0	0	25
Science	83	0	0	0	0	83
Sub-Total	480	1	0	0	8	489
TOTAL	4,744	517	73	113	299	5,746

* Includes Collège universitaire de Saint-Boniface.

APPENDIX "E"

Operating and Capital Grant

Expenditures for Fiscal Year 1990-91

APPENDIX "E"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1990/91 Expenditures (Compared to 1989/90)

	1990/91	1989/90
1. ORIGINAL VOTE		
(a) Administration, Operating & Access	$195,755,800	$187,844,100
(b) Capital	11,000,000	9,500,000
	$206,755,800	$197,300,100
Department of Highways and Transportation	0	240,000
Loan Act - 1989	846,911	0
Total	$207,602,711	$197,540,100
2. OPERATING & ADMINISTRATION EXPENDITURES		
(a) Universities Grants Commission	$ 340,631	$ 381,823
(b) Support Programs		
(a) Inter-Universities North	$ 504,400	$ 485,000
(b) Computer Service Network	408,720	402,489
(c) Chair in Women's Studies	66,000	66,000
(d) F.Y.D.E. [1]	287,655	0
(e) Social Work [1]	60,000	0
(f) Audio/Visual Link	65,000	0
(g) Brandon Satellite Production Facility [2]	25,000	0
	$ 1,416,775	$ 953,489
(c) Operating Funds		
First Claims		
University of Manitoba	$ 1,565,974	$ 1,316,568
University of Winnipeg	40,054	40,054
Brandon University	216,600	216,600
C.U.S.B.	0	0
	$ 1,822,628	$ 1,573,222
Operating		
University of Manitoba	$151,629,724	$145,939,295
University of Winnipeg	20,812,746	20,004,946
Brandon University	13,497,339	12,963,918
C.U.S.B	3,841,988	3,693,219
	$189,781,797	$182,601,378

APPENDIX "E"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1990/91 Expenditures (Compared to 1989/90)

	1990/91	1989/90
(c) Operating Funds - continued		
Pay Equity		
University of Manitoba	$ 1,240,000	$ 1,240,000
University of Winnipeg	150,000	150,000
Brandon University	155,000	155,000
C.U.S.B.	26,000	26,000
	$ 1,571,000	$ 1,571,000
Targeted Funding		
New Programs	$ 0	$ 290,000
	$ 0	$ 290,000
Total		
University of Manitoba	$154,435,698	$148,495,863
University of Winnipeg	21,002,800	20,195,000
Brandon University	13,868,939	13,335,518
C.U.S.B.	3,867,988	3,719,219
Targeted Funding	0	290,000
	$193,175,425	$186,035,600
Total Operating & Administration Expenditures	$194,932,831	$187,370,912
3. ACCESS FUNDS		
University of Manitoba	$ 280,317	$ 149,032
University of Winnipeg	165,000	164,310
Brandon University	135,000	0
C.U.S.B.	40,000	90,250
U.G.C. - Visually Impaired	0	42,517
I.U.N.	0	50,000
P.A.C.E. [3]	27,944	0
F.Y.D.E.	137,345	200,000
	$ 785,606	$ 696,109
4. CAPITAL FUNDS		
(a) **Equipment and Renovations**		
University of Manitoba	$ 3,328,260	$ 3,900,000
University of Winnipeg	529,108	620,000
Brandon University	315,738	370,000
C.U.S.B.	93,874	110,000
	$ 4,266,980	$ 5,000,000

APPENDIX "E"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1990/91 Expenditures (Compared to 1989/90)

	1990/91	1989/90
4. CAPITAL FUNDS - CONTINUED		
(b) **Universities Development Fund**		
University of Manitoba	$ 2,650,000	$ 2,000,000
University of Winnipeg	1,000,000	700,000
Brandon University	100,000	1,200,000
C.U.S.B.	250,000	100,000
	$ 4,000,000	$ 4,000,000
(c) **Major Capital Projects**		
University of Manitoba	$ 1,000,000	$ 500,000
University of Winnipeg	900,000	0
Brandon University	500,000	0
C.U.S.B.	333,000	0
	$ 2,733,000	$ 500,000
Total		
University of Manitoba	$ 6,978,260	$ 6,400,000
University of Winnpeg	2,429,108	1,320,000
Brandon University	915,738	1,570,000
C.U.S.B.	676,874	210,000
	$ 10,999,980	$ 9,500,000
5. LOAN ACT - 1989		
(a) Service Tunnel - University of Manitoba	$ 846,911	$ 0

6. PRIOR YEAR'S FIGURES

Certain prior year's figures have been restated to conform to the current year's financial statement presentation.

NOTES

1. These figures have been included in the Operating Grant figure for the University of Manitoba shown in Note 3. in the Audited Financial Statements.
2. This figure has been included in the Operating Grant figure for Brandon University shown in Note 3. in the Audited Financial Statements.
3. This figure, which had been transferred from the Universities Grants Commission surplus and paid to P.A.C.E., was included in the Access Grant figure for the University of Manitoba in the Audited Financial Statements.

APPENDIX "F"

Allocation of Operating and Capital

Grants for Fiscal Year 1991-92

APPENDIX "F"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1991/92 Allocations (Compared to 1990/91)

	1991/92	1990/91
1. ORIGINAL VOTE		
(a) Administration, Operating & Access	$201,584,800	$195,755,800
(b) Capital	11,900,000	11,000,000
Total	$213,484,800	$206,755,800
2. OPERATING & ADMINISTRATION ALLOCATIONS		
(a) Universities Grants Commission	$ 341,100	$ 373,600
(b) Support Programs		
(a) Inter-Universities North	$ 519,532	$ 504,400
(b) Computer Service Network	420,982	408,720
(c) Chair in Women's Studies	66,000	66,000
(d) F.Y.D.E.	500,000	287,655
(e) Audio/Visual Link	150,000	65,000
(f) Visually Impaired	50,000	0
(f) Social Work	0	60,000
(g) Satellite Production Facility	0	25,000
	$ 1,706,514	$ 1,416,775
(c) Operating Funds		
First Claims		
University of Manitoba	$ 1,315,135	$ 1,565,974
University of Winnipeg	40,054	40,054
Brandon University	216,600	216,600
C.U.S.B.	0	0
	$ 1,571,789	$ 1,822,628
Operating		
University of Manitoba	$155,050,339	$151,629,724
University of Winnipeg	21,627,265	20,812,746
Brandon University	14,150,649	13,497,339
C.U.S.B.	4,071,444	3,841,988
	$194,899,697	$189,781,797
Pay Equity		
University of Manitoba	$ 1,240,000	$ 1,240,000
University of Winnipeg	150,000	150,000
Brandon University	155,000	155,000
C.U.S.B.	26,000	26,000
	$ 1,571,000	$ 1,571,000

APPENDIX "F"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1991/92 Allocations (Compared to 1990/91)

	1991/92	1990/91
(c) Operating Funds - continued		
Targeted Funding		
University of Manitoba	250,000	0
University of Winnipeg	316,000	0
Brandon University	57,700	0
C.U.S.B.	81,000	0
	$ 704,700	$ 0
Total		
University of Manitoba	$157,855,474	$154,435,698
University of Winnipeg	22,133,319	21,002,800
Brandon University	14,579,949	13,868,939
C.U.S.B.	4,178,444	3,867,988
	$198,747,186	$193,175,425
Total Operating & Administration Allocations	$200,794,800	$194,965,800
3. ACCESS FUND ALLOCATIONS		
University of Manitoba	$ 402,033	$ 280,000
University of Winnipeg	165,000	165,000
Brandon University	135,000	135,000
C.U.S.B.	74,500	40,000
F.Y.D.E.	0	160,000
P.A.C.E. [1]	0	27,944
Unallocated	13,467	0
	$ 790,000	$ 807,944
4. CAPITAL FUND ALLOCATIONS		
(a) **Equipment and Renovations**		
University of Manitoba	$ 3,020,000	$ 3,328,260
University of Winnipeg	550,000	529,108
Brandon University	330,000	315,738
C.U.S.B.	100,000	93,874
	$ 4,000,000	$ 4,266,980
(b) **Universities Development Fund**		
University of Manitoba	$ 3,030,000	$ 2,650,000
University of Winnipeg	700,000	1,000,000
Brandon University	100,000	100,000
C.U.S.B.	170,000	250,000
	$ 4,000,000	$ 4,000,000

APPENDIX "F"

UNIVERSITIES GRANTS COMMISSION

PROVINCE OF MANITOBA

1991/92 Allocations (Compared to 1990/91)

	1991/92	1990/91
4. CAPITAL FUNDS - CONTINUED		
(c) **Major Capital Projects**		
University of Manitoba	$ 1,300,000	$ 1,000,000
University of Winnipeg	600,000	900,000
Brandon University	1,666,000	500,000
C.U.S.B.	334,000	333,000
	$ 3,900,000	$ 2,733,000
Total		
University of Manitoba	$ 7,350,000	$ 6,978,260
University of Winnipeg	1,850,000	2,429,108
Brandon Univerity	2,096,000	915,738
C.U.S.B.	604,000	676,874
	$ 11,900,000	$ 10,999,980

5. PRIOR YEAR'S FIGURES

Certain prior year's figures have been restated to conform to the current year's financial statement presentation.

Notes

1. The amount of $27,944 was transferred from the Universities Grants Commission surplus.

APPENDIX "G"

Audited Balance Sheet as at March 31, 1991

and

Audited Statement of Operating Revenues and Expenditures

for the year ended March 31, 1991

of the Universities Grants Commission

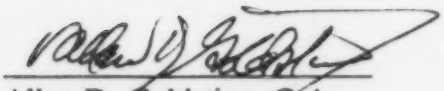
July 10, 1991

RESPONSIBILITY FOR FINANCIAL REPORTING

The accompanying financial statements and other financial information included in the Annual Report are the responsibility of management and have been approved by the Commission. The financial statements were prepared by management in accordance with the accounting principles set out in Note 2 to the financial statements.

As management is responsible for the integrity of the financial statements, it has established systems of internal control to provide reasonable assurance that assets are properly accounted for and safeguarded from loss.

Léo LeTourneau, Ph.D.
Executive Director



Allan D. Goldstine, C.A.
Financial Officer

Office of
the Provincial Auditor

905 - 386 Broadway
Winnipeg, Manitoba, CANADA
R3C 3R6

AUDITOR'S REPORT

To the Legislative Assembly of Manitoba

We have audited the balance sheet of The Universities Grants Commission as at March 31, 1991 and the statement of operating revenues and expenditures for the year then ended. These financial statements are the responsibility of the Commission's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

Note 2 reflects that the Commission's unfunded pension liability as at March 31, 1991 was $334,752. Had this unfunded pension liability and the associated pension costs been recorded in the financial statements, the Commission's liabilities would have increased by $334,752, the universities grants fund would have decreased by that amount, and the Commission's pension costs would have increased by $37,727 for the year ended March 31, 1991.

In our opinion, except for the failure to record the information referred to in the preceding paragraph, these financial statements present fairly, in all material respects, the financial position of the Commission as at March 31, 1991 and the results of its operations for the year then ended in accordance with the accounting policies stated in note 2 to the financial statements.

Winnipeg, Manitoba
July 11, 1991

F. H. Jackson, CA
Provincial Auditor

EXHIBIT A

THE UNIVERSITIES GRANTS COMMISSION

Balance Sheet
as at March 31, 1991
(with 1990 figures for comparison)

	1991	1990
ASSETS		
Cash on hand and in bank	$ 816,033	$ 462,070
Grants receivable from the Government of the Province of Manitoba	27,481	14,182
	$ 843,514	$ 476,252
LIABILITIES		
Accounts payable:		
New Program Funding	$ 212,954	$ 295,000
Grants	395,000	54,432
Other	2,497	1,294
Funds held on behalf of The Canadian International Development Agency	0	1,441
	$ 610,451	$ 352,167
The Universities Grants Fund:		
Balance, beginning of year	$ 124,085	$ 131,292
Revenues over (under) expenditures, Exhibit B	108,978	(7,207)
Balance, end of year	$ 233,063	$ 124,085
	$ 843,514	$ 476,252

EXHIBIT B

THE UNIVERSITIES GRANTS COMMISSION

Statement of Operating Revenues and Expenditures
for the year ended March 31, 1991
(with 1990 figures for comparison)

	1991	1990
Revenues:		
Government of the Province of Manitoba grants:		
Revenue appropriation:		
Department of Education	$ 206,755,474	$197,285,157
Department of Highways and Transportation	0	240,000
Loan Act - 1989	846,911	0
	207,602,385	197,525,157
Interest Income	71,921	34,657
Total revenues	207,674,306	197,559,814
Expenditures:		
Operating grants (Notes 2.B and 3)	193,548,080	185,745,600
Major capital project grants (Note 4)	2,733,000	500,000
University of Manitoba - Tunnel	846,911	0
Universities Development Fund (Note 5)	4,000,000	4,000,000
Renovations and Equipment (Note 6)	4,266,980	5,000,000
Access Fund (Note 7)	785,606	696,109
Administrative and other, Schedule 1	340,631	381,823
New Program Funding	65,000	0
	206,586,208	196,323,532
Support programs:		
Computer network	641,060	600,000
Less: Recoveries from the Department of Education	232,340	197,511
	408,720	402,489
Inter-Universities program in Northern Manitoba	504,400	485,000
Chair in Women's Studies	66,000	66,000
New Program Funding	0	290,000
	979,120	1,243,489
Total expenditures	207,565,328	197,567,021
Revenues over (under) expenditures, Exhibit A	$ 108,978	$ (7,207)

Notes to Financial Statements
for the year ended March 31, 1991

1. Nature of Operations

The Universities Grants Commission was established by an Act of the Legislature passed in 1967 and is composed of nine members appointed by the Lieutenant-Governor-in-Council.

Primarily, the commission receives grants from government for operating and capital purposes of the Universities, which funds flow though the Commission directly to the Universities. These funds are received through the annual appropriations of the Department of Education and are cash flowed over a twelve month period to the institutions.

2. Accounting Policies

A. The Universities Grants Commission's annual financial statements are prepared using the accrual basis of accounting except for interest on cash balances, expenditures on leasehold improvements and equipment purchases, and pension payments. The financial statements do not include accruals for vacation pay or salaries of commission staff. Interest on cash balances is taken into account in the year that it is received. Leasehold improvements and equipment purchases are charged to expenditures in the year of acquisition. Pension payments are charged to expenditures as the payments are made under the provisions of The Manitoba Civil Service Superannuation Act.

B. Operating and capital grants to the Universities reflect expenditures to the Universities for their annual operations and approved capital projects. Annual operating grants are paid on a scheduled basis to meet the Universities' operating requirements; capital grants are paid after expenditures have been incurred and claimed.

C. In accordance with the provisions of The Manitoba Civil Service Superannuation Act, the Commission contributes 50% of the pension payments made to retired employees. A provision is not made in the accounts to fund current or past service obligations of the Commission to The Civil Service Superannuation Fund. On the basis of an actuarial report, the unfunded liability on an indexed basis for the Commission's employees amounted to $334,752 as at March 31, 1991 (1990 - $297,025).

3. Operating Grants

	1991	1990
The University of Manitoba	$ 154,783,353	$148,495,863
The University of Winnipeg	21,002,800	20,195,000
Brandon University	13,893,939	13,335,518
Collège universitaire de Saint-Boniface	3,867,988	3,719,219
	$ 193,548,080	$185,745,600

THE UNIVERSITIES GRANTS COMMISSION

Notes to Financial Statements
for the year ended March 31, 1991

4. Major Capital Project Grants

	1991	1990
The University of Manitoba	$ 1,000,000	$ 500,000
The University of Winnipeg	900,000	0
Brandon University	500,000	0
Collège universitaire de Saint-Boniface	333,000	0
Total	$ 2,733,000	$ 500,000

5. Universities Development Fund Grants

The University of Manitoba	$ 2,650,000	$ 2,000,000
The University of Winnipeg	1,000,000	700,000
Brandon University	100,000	1,200,000
Collège universitaire de Saint-Boniface	250,000	100,000
Total	$ 4,000,000	$ 4,000,000

6. Renovations & Equipment

The University of Manitoba	$ 3,328,260	$ 3,900,000
The University of Winnipeg	529,108	620,000
Brandon University	315,738	370,000
Collège universitaire de Saint-Boniface	93,874	110,000
Total	$ 4,266,980	$ 5,000,000

7. Access Fund Grants

Inter-Universities North & First Year Distance Education	$ 137,345	$ 250,000
The University of Manitoba	308,261	149,032
The University of Winnipeg	165,000	164,310
Brandon University	135,000	0
Collège universitaire de Saint-Boniface	40,000	90,250
Canadian National Institute for the Blind	0	42,517
Total	$ 785,606	$ 696,109

THE UNIVERSITIES GRANTS COMMISSION

Schedule of Administrative and Other Expenditures
for the year ended March 31, 1991
(with 1990 figures for comparison)

	1991	1990
Automobile and travelling	$ 5,530	$ 11,242
Course and membership fees	439	8,018
Expenditures for Immigrant Credentials Committee	7,043	0
Furniture and equipment	8,595	18,038
Office rental	37,144	33,178
Postage and telephone	4,132	5,316
Printing and stationery supplies	7,161	3,473
Professional fees	6,770	23,550
Remuneration of Commission members	16,795	21,972
Salaries and employee benefits	241,524	251,137
Subscriptions	2,219	1,905
Sundry	3,279	3,994
Total administrative and other expenditures, Exhibit B	$ 340,631	$ 381,823